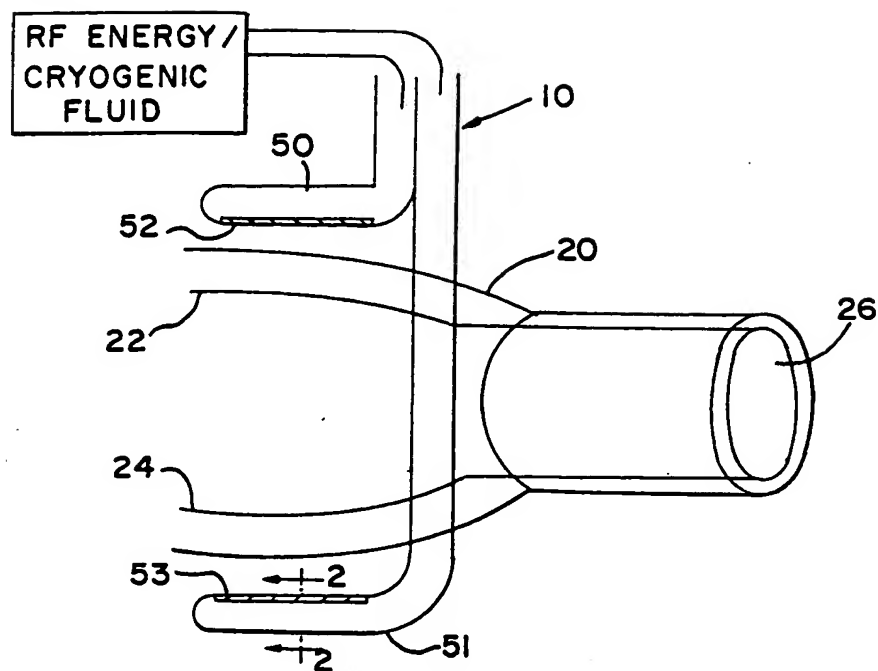
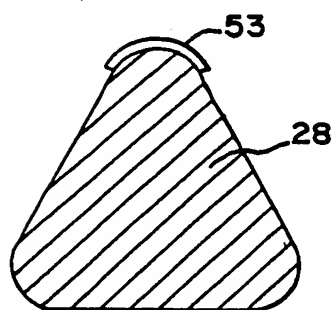


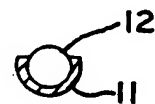
# FIG. 1



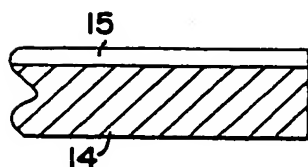
# FIG. 2



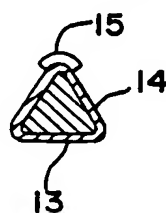
# FIG. 3



# FIG. 4



# FIG. 5



# FIG. 6

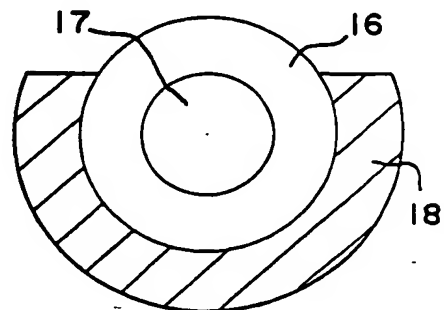


FIG. 7

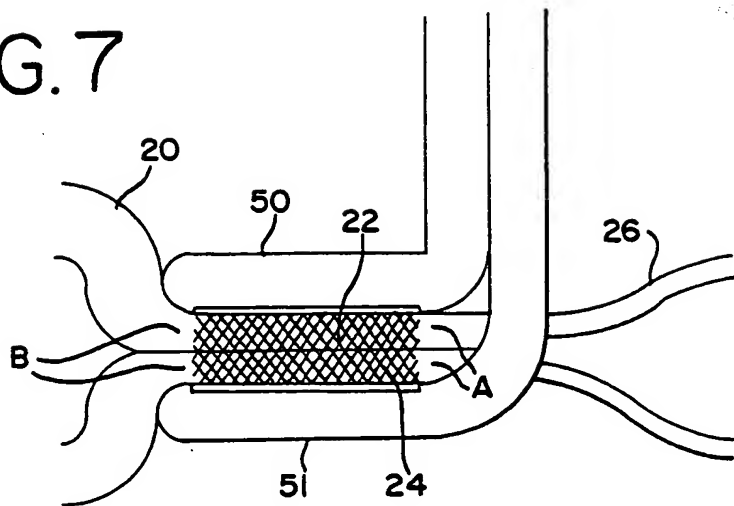


FIG. 8

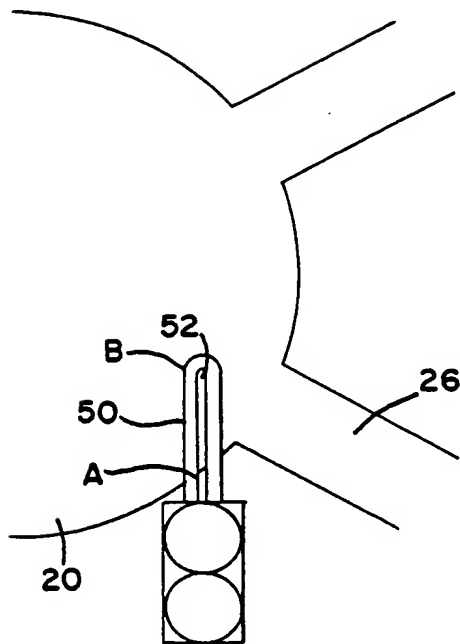


FIG. 9

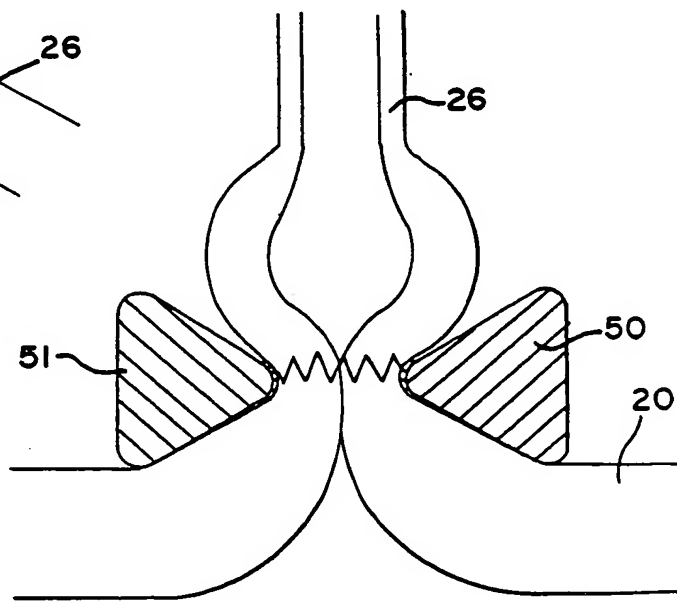


FIG.10

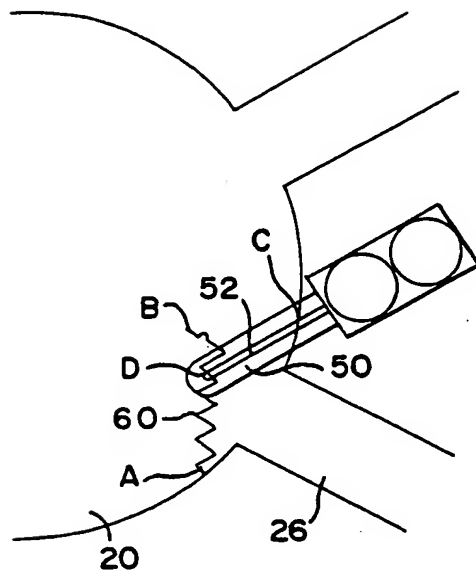


FIG.11

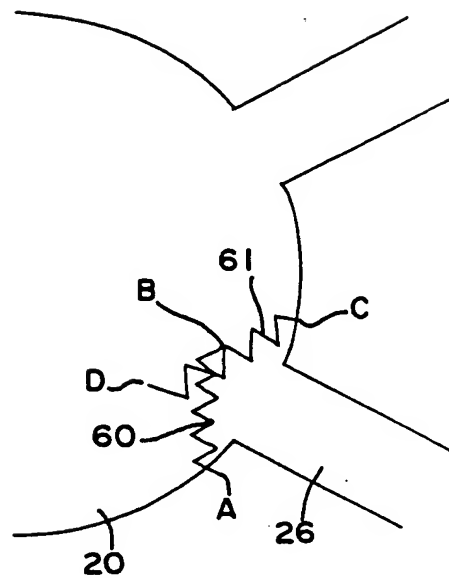


FIG.12

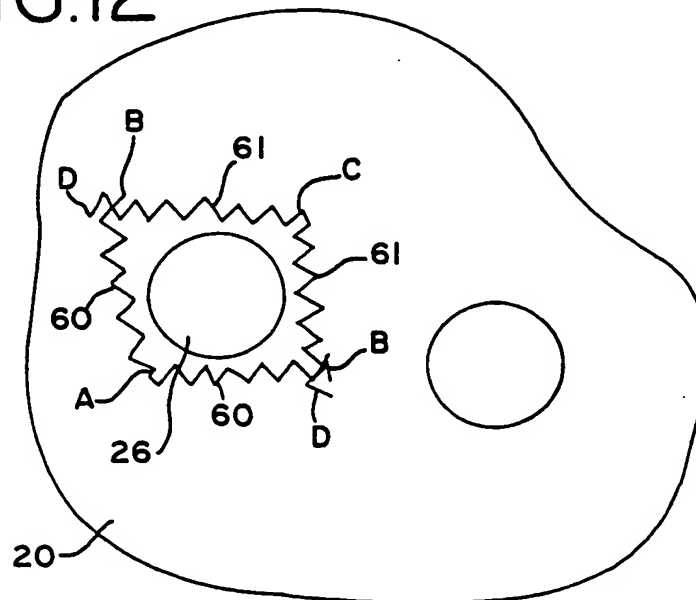


FIG. 13

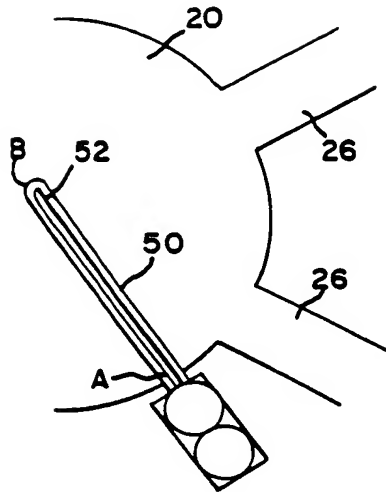


FIG. 14

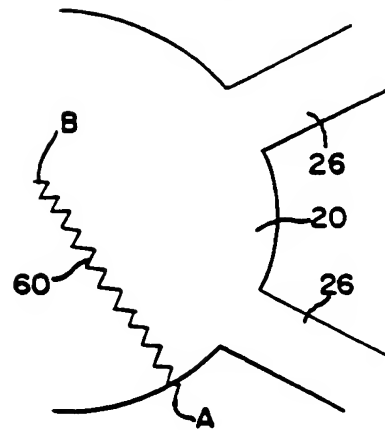


FIG. 16

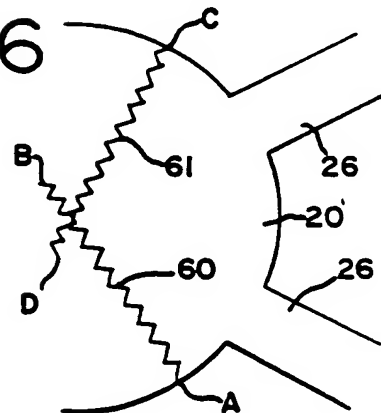


FIG. 15

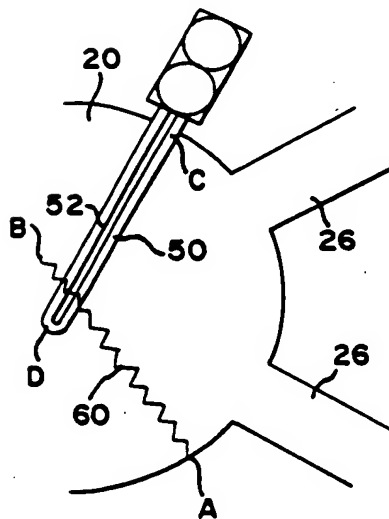


FIG. 17

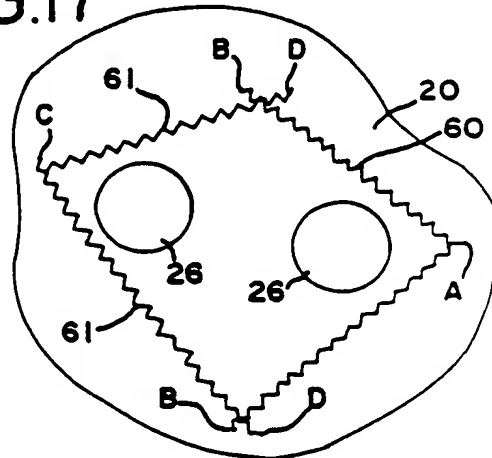


FIG. 19

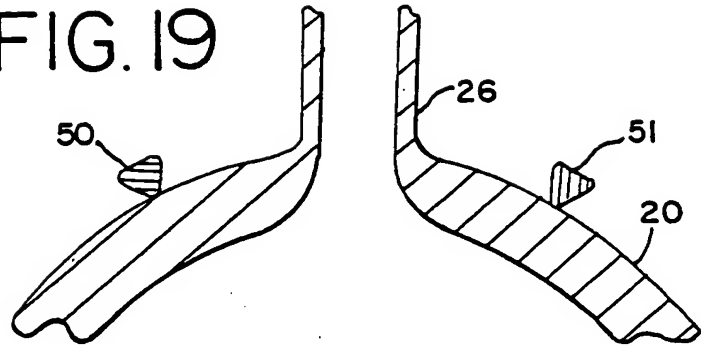


FIG. 18

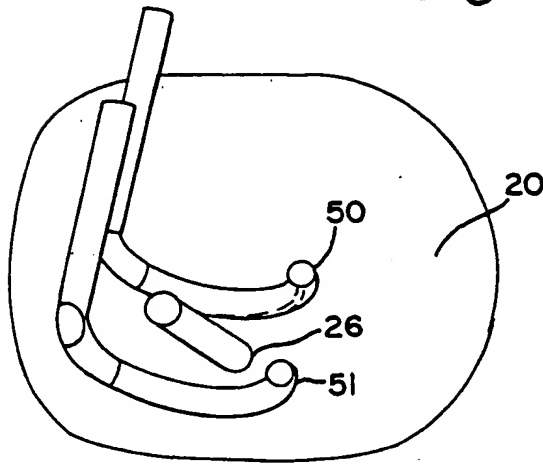


FIG. 21

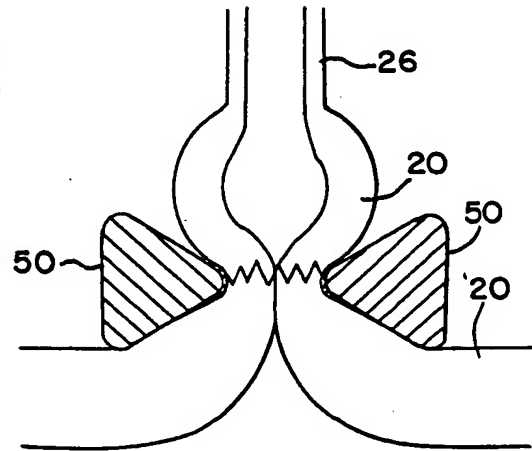


FIG. 20

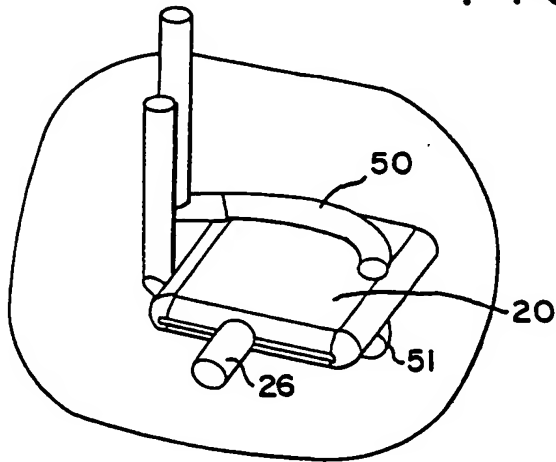


FIG. 22

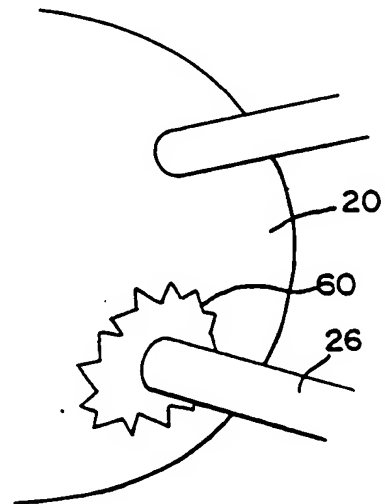


FIG.24

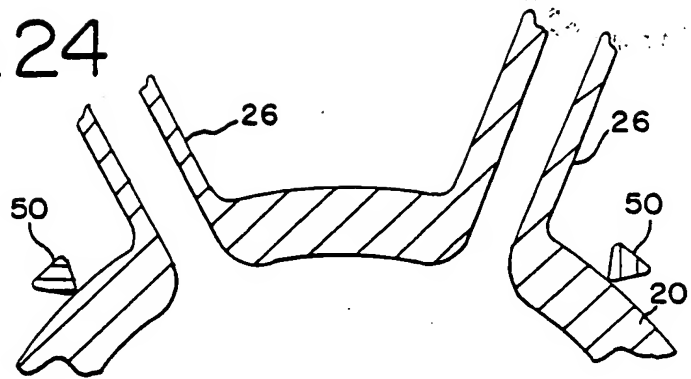


FIG.23

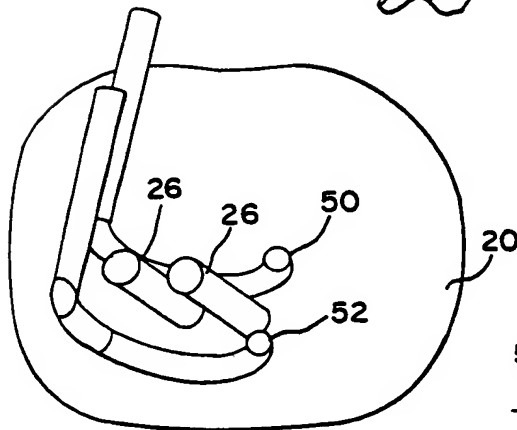


FIG.26

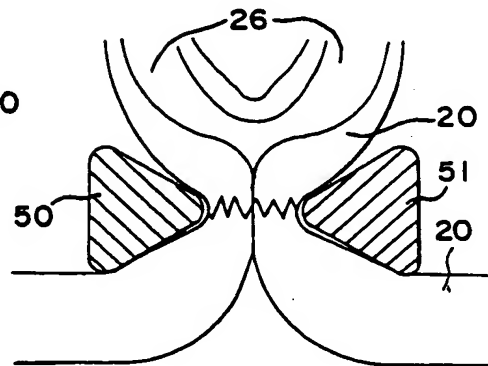


FIG.25

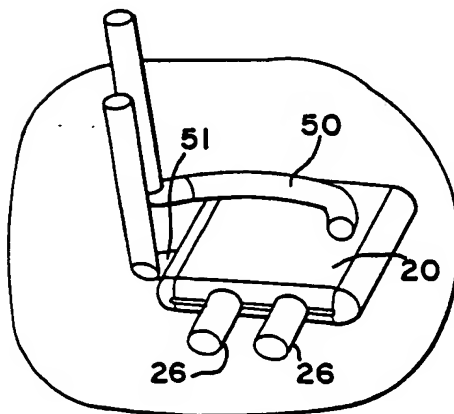


FIG.27

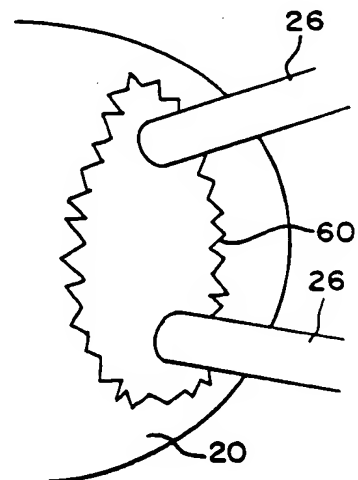


FIG. 28

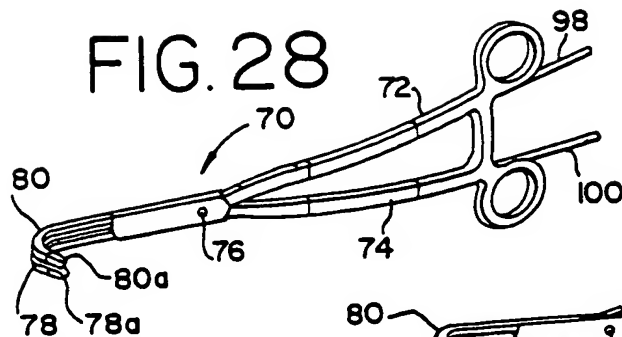


FIG. 29

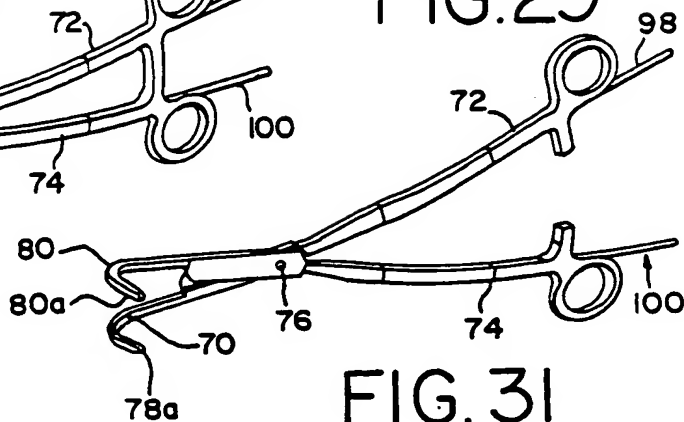


FIG. 31

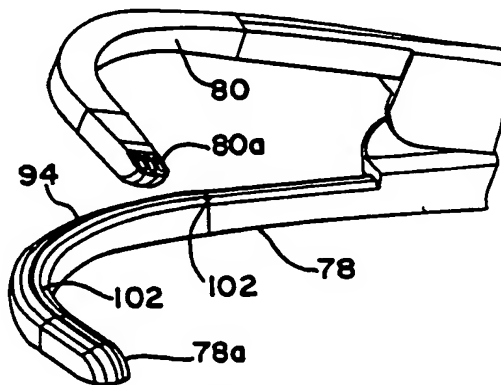


FIG. 30

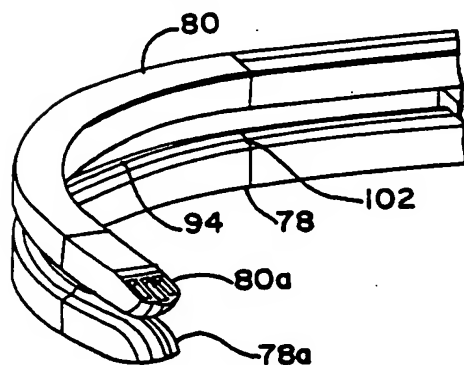


FIG. 32

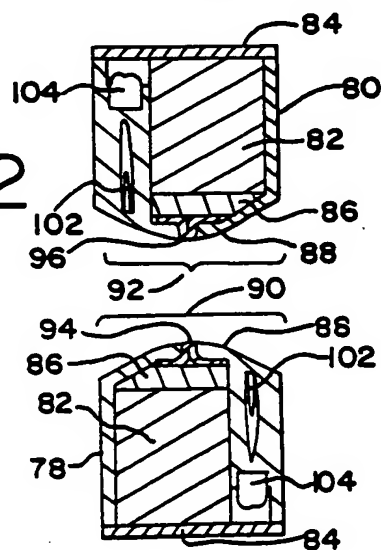


FIG. 33

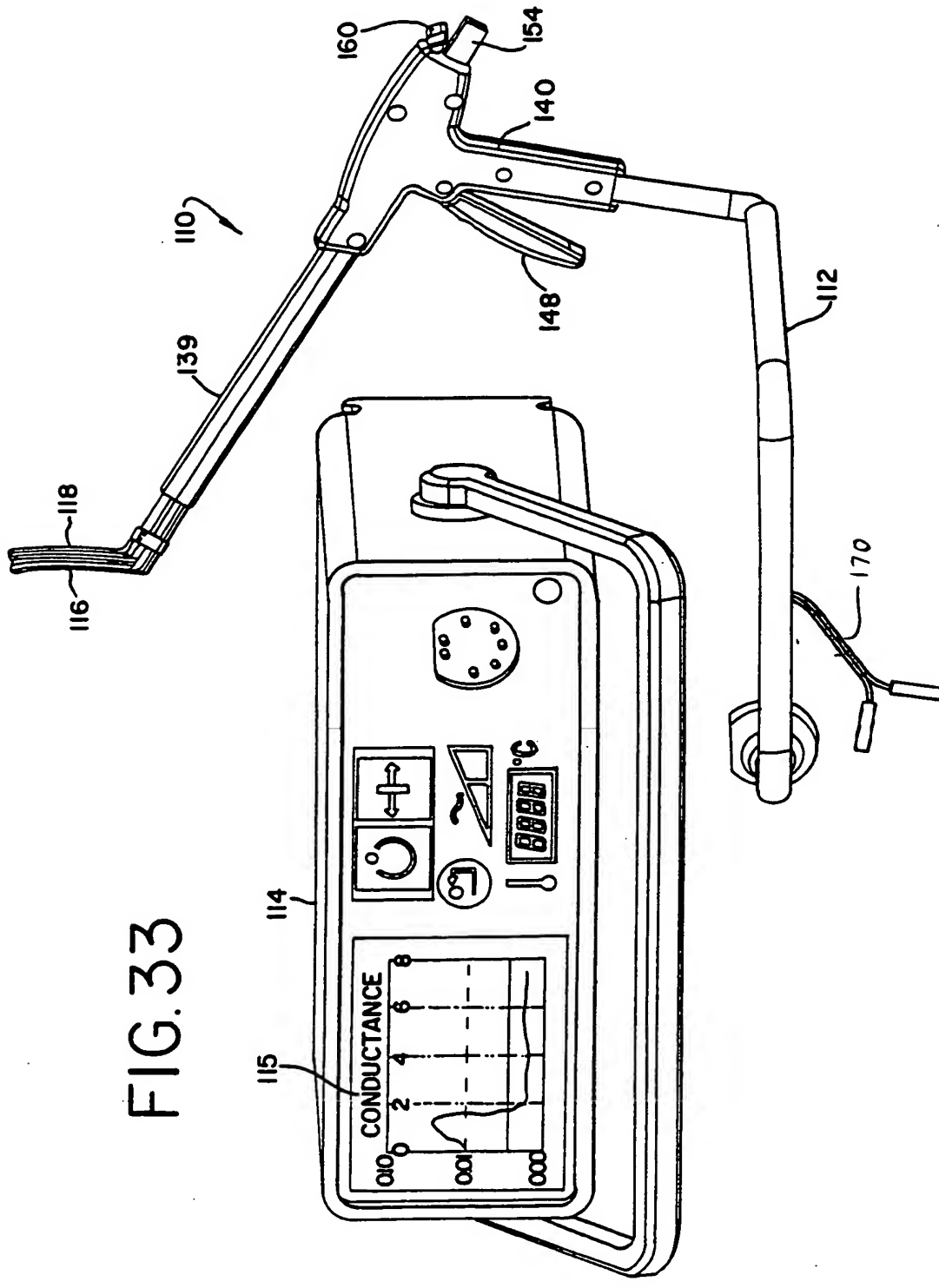




FIG. 34

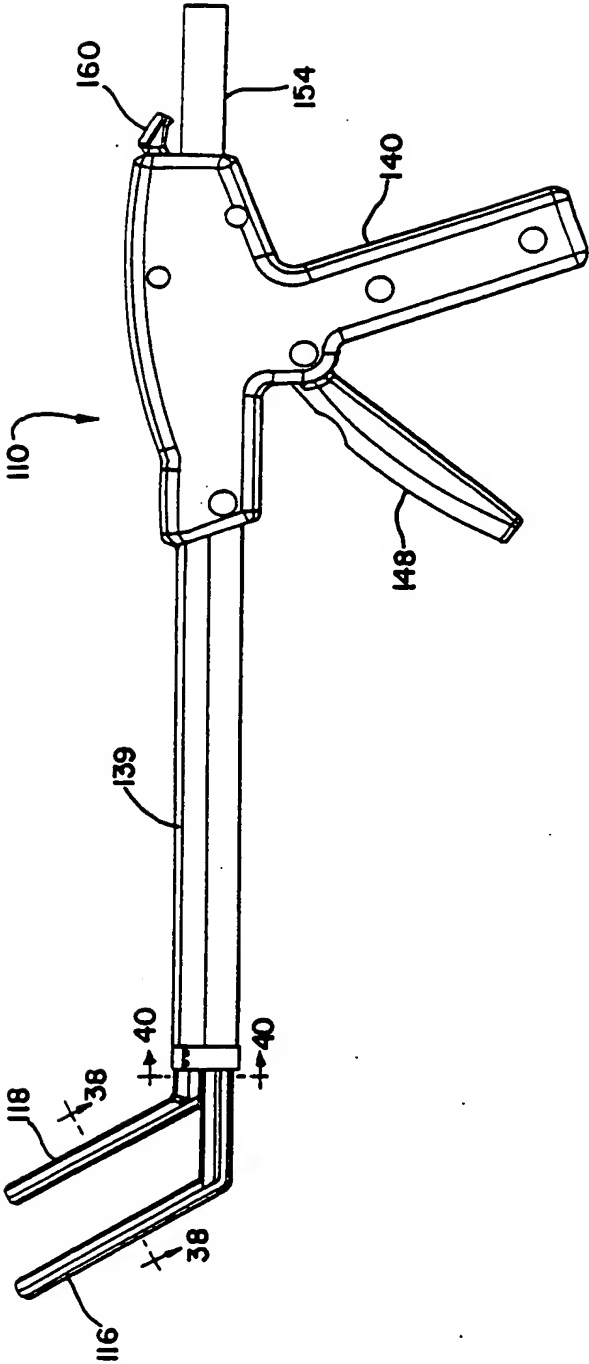
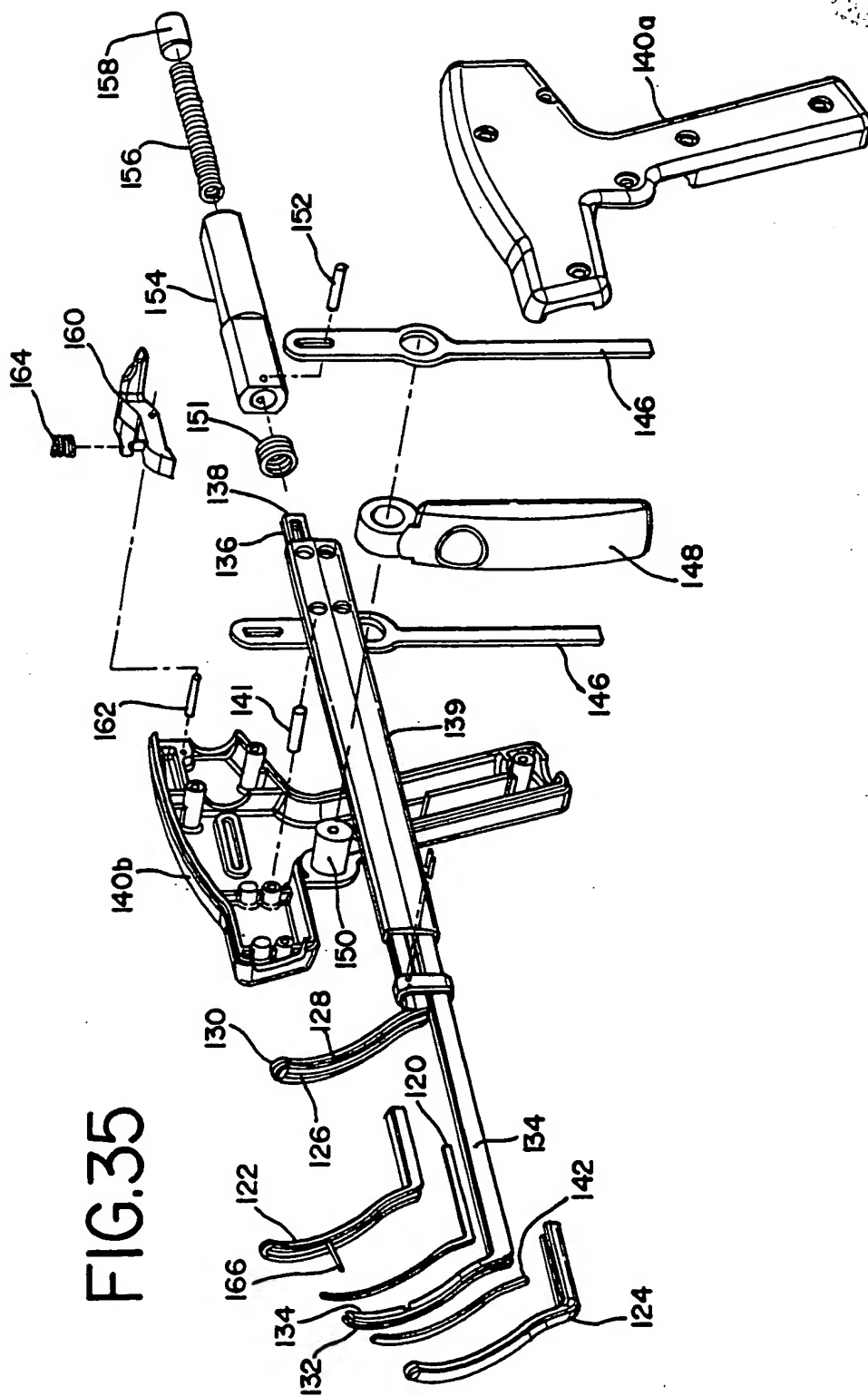


FIG.35



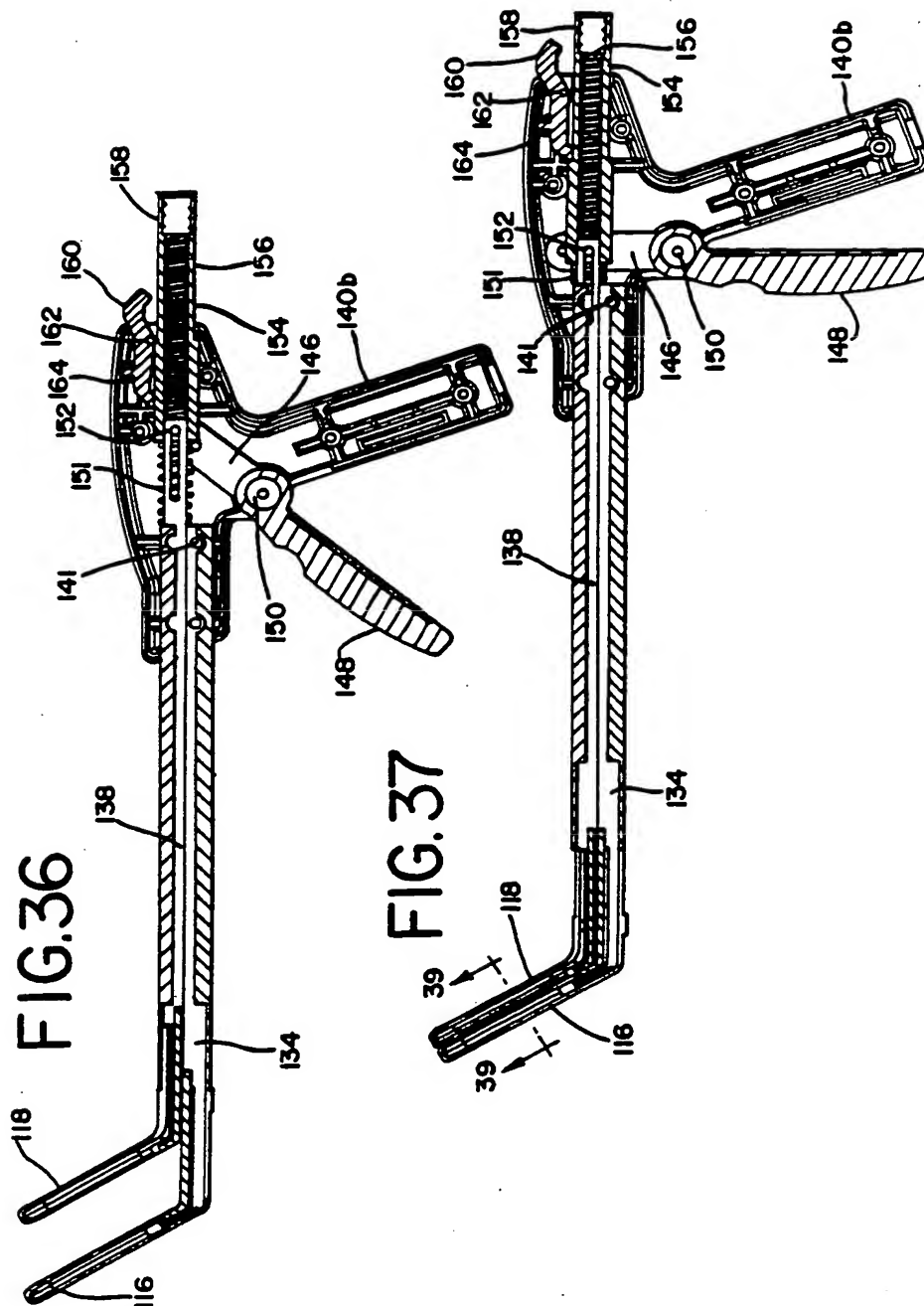


FIG.38

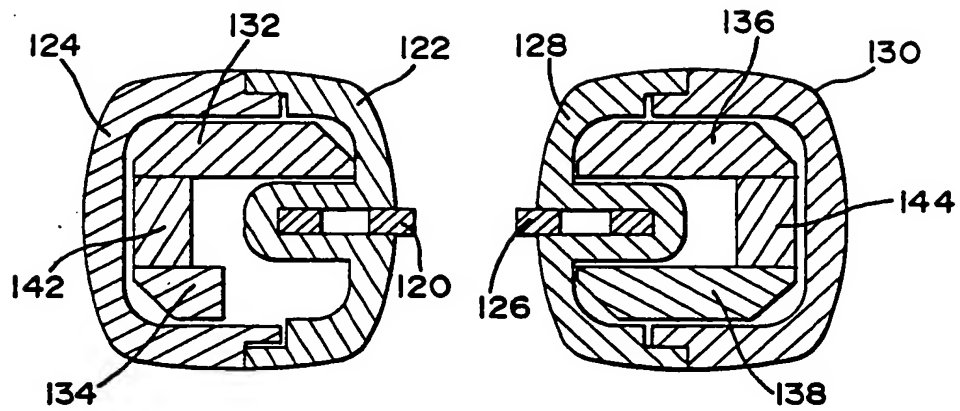


FIG.39

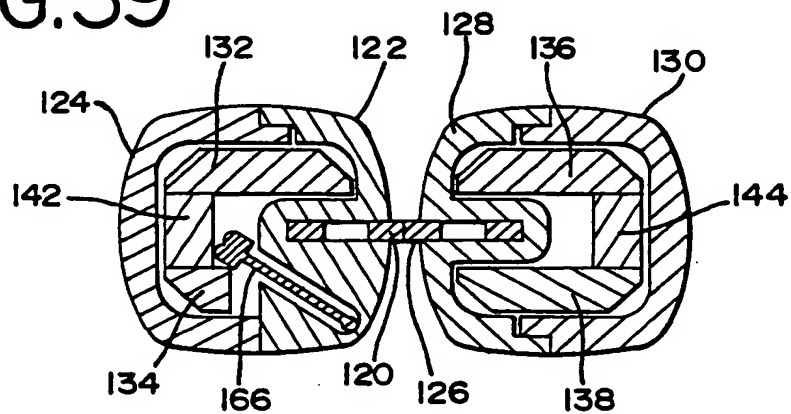


FIG.40

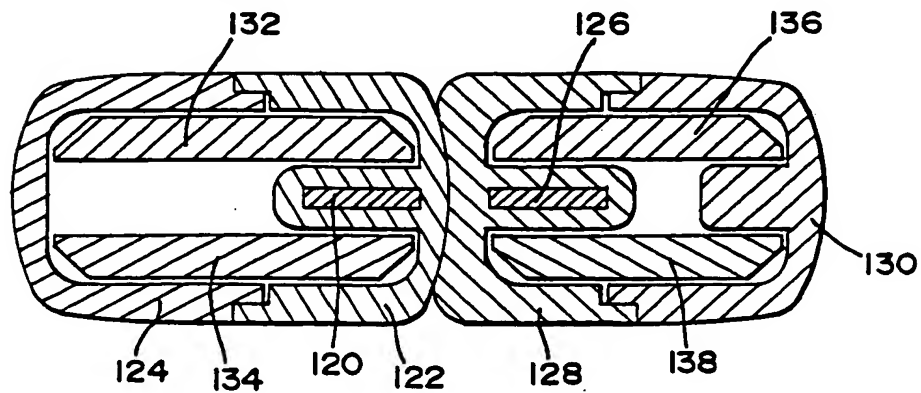


FIG.41

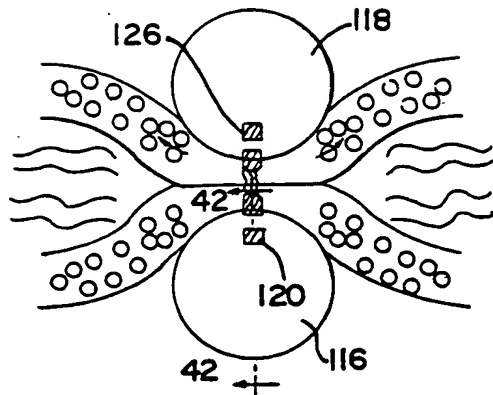


FIG. 42

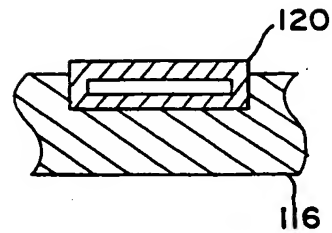


FIG. 43

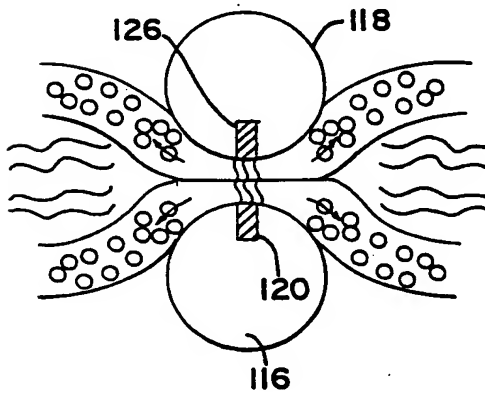


FIG.44

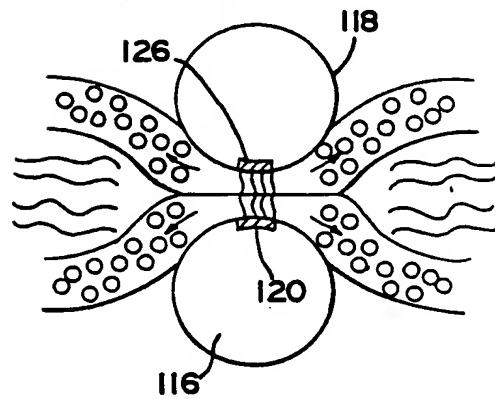


FIG. 45

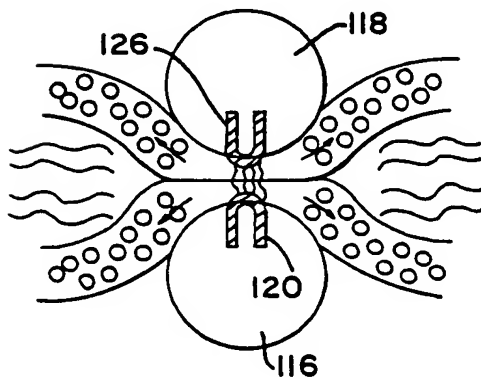
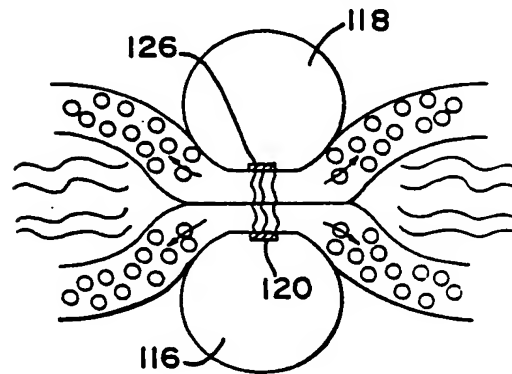
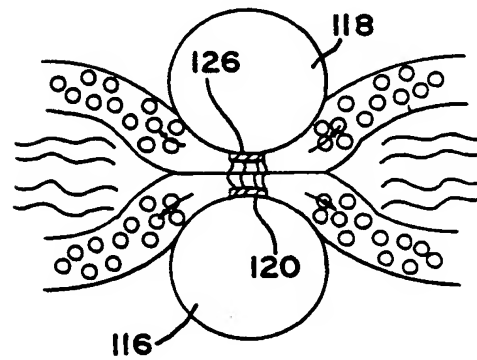


FIG. 46

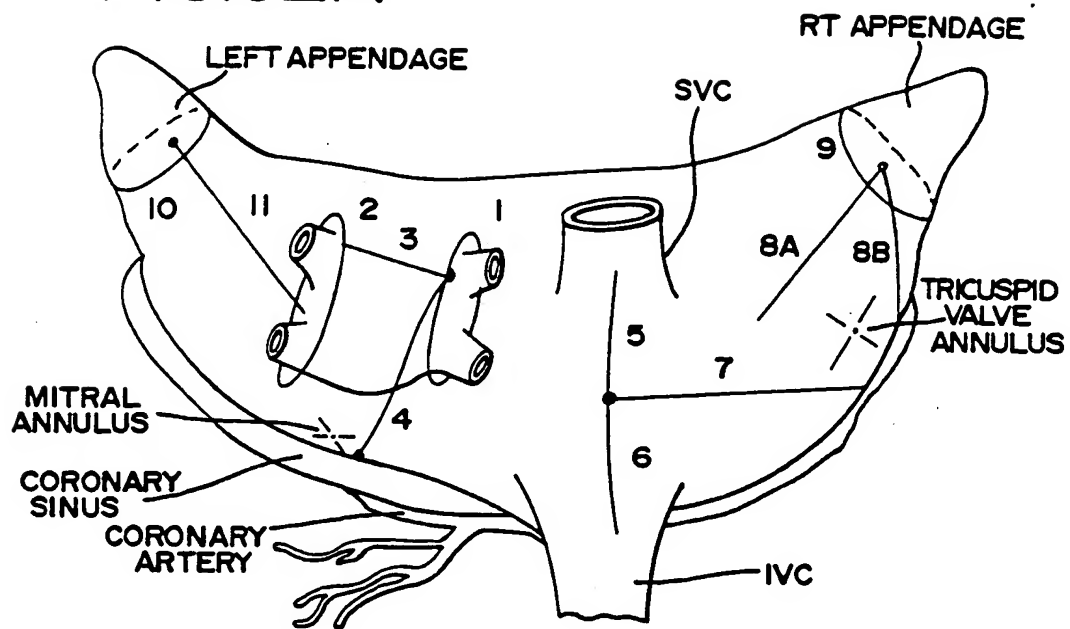


# TODAY

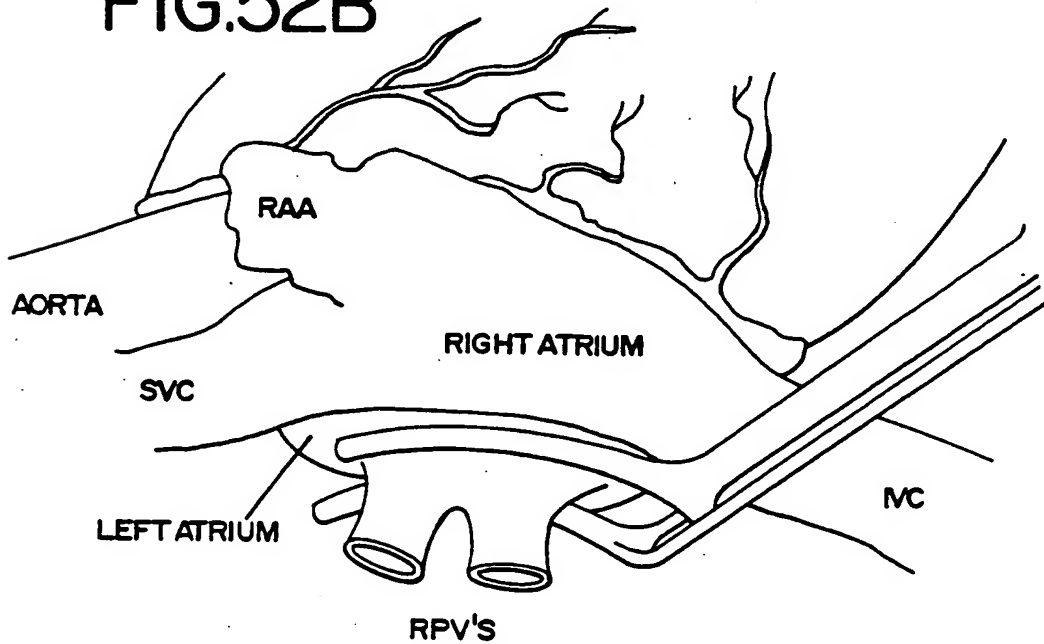


A schematic diagram showing a cross-section of a double-stranded molecule, such as DNA or RNA. Two large circular regions, labeled 116 and 118, represent the main bodies of the strands. They are connected by a central junction consisting of two smaller, shaded circular regions labeled 120 and 126. The strands extend outwards from the junction, with wavy lines representing the sugar-phosphate backbones and small circles representing the nitrogenous bases. The bases are shown as pairs between the two strands.

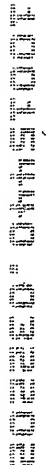
# FIG.52A



# FIG.52B



**0630**



**0630**

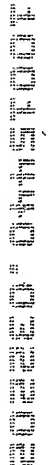




FIG.52C

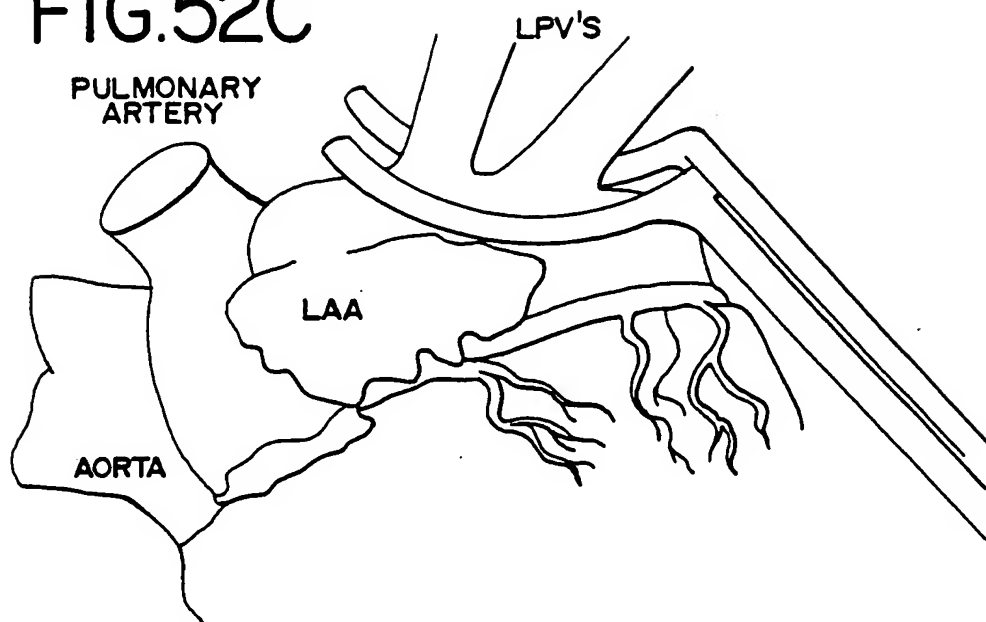


FIG.52D

HEART LIFTED

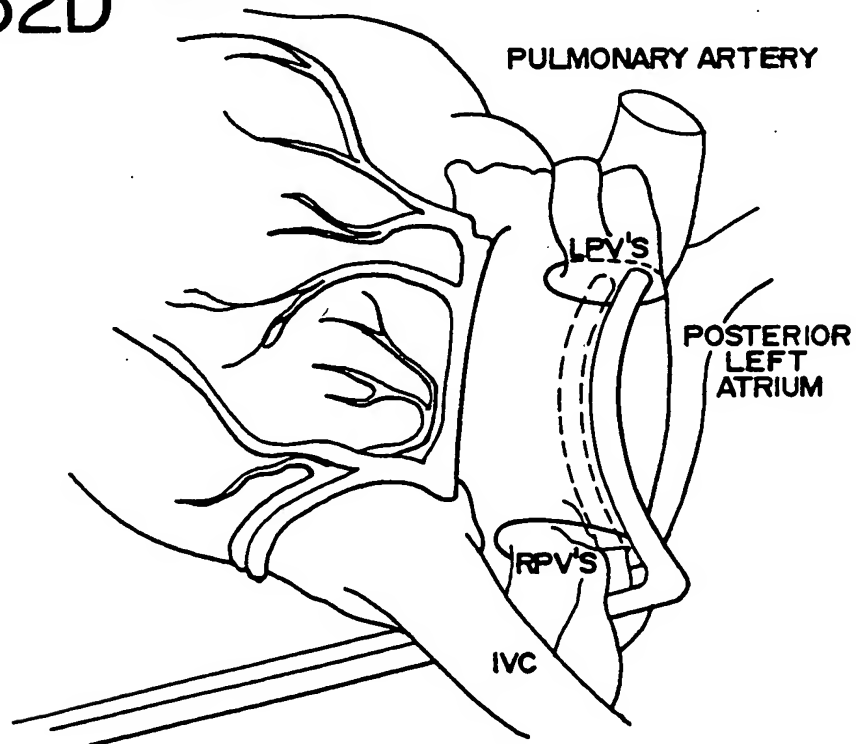


FIG.52G

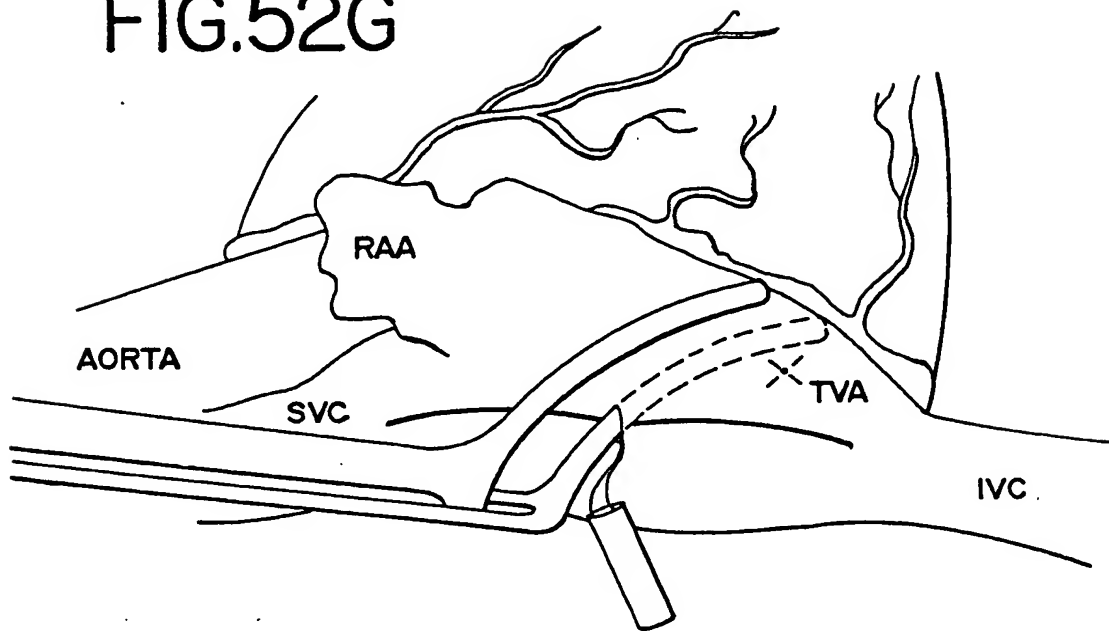


FIG.52H

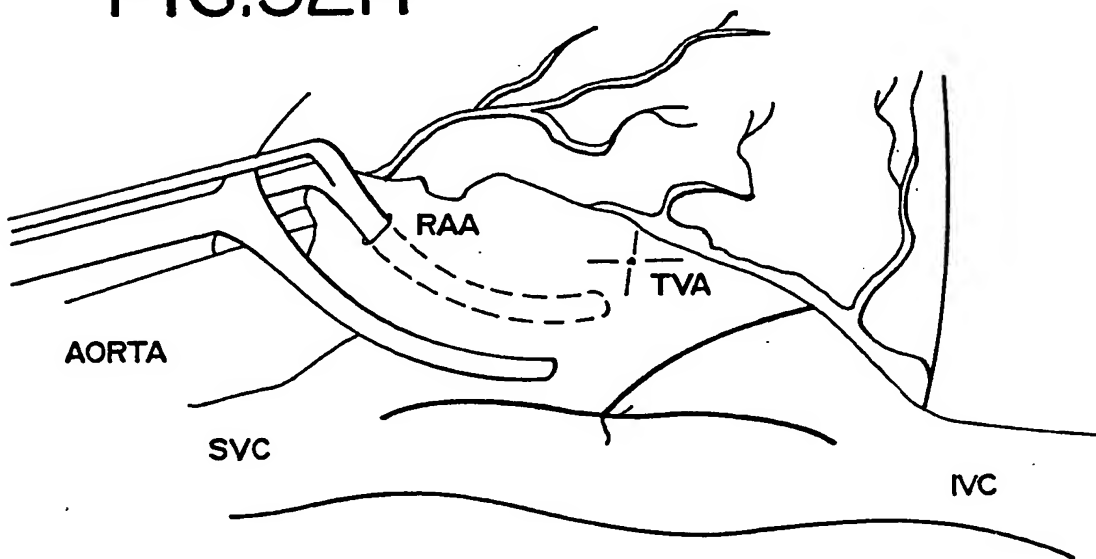


FIG.52I

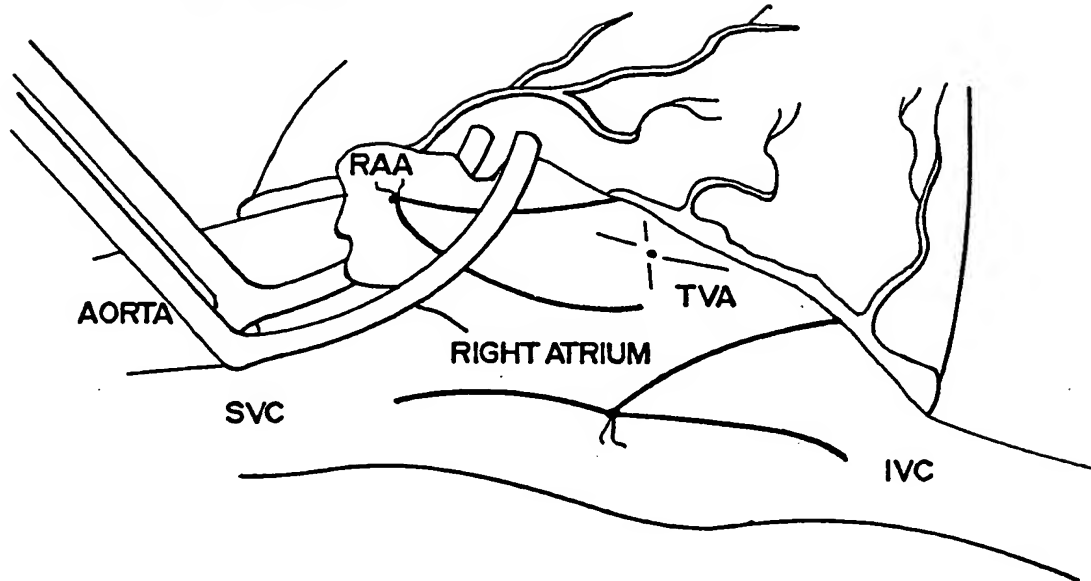
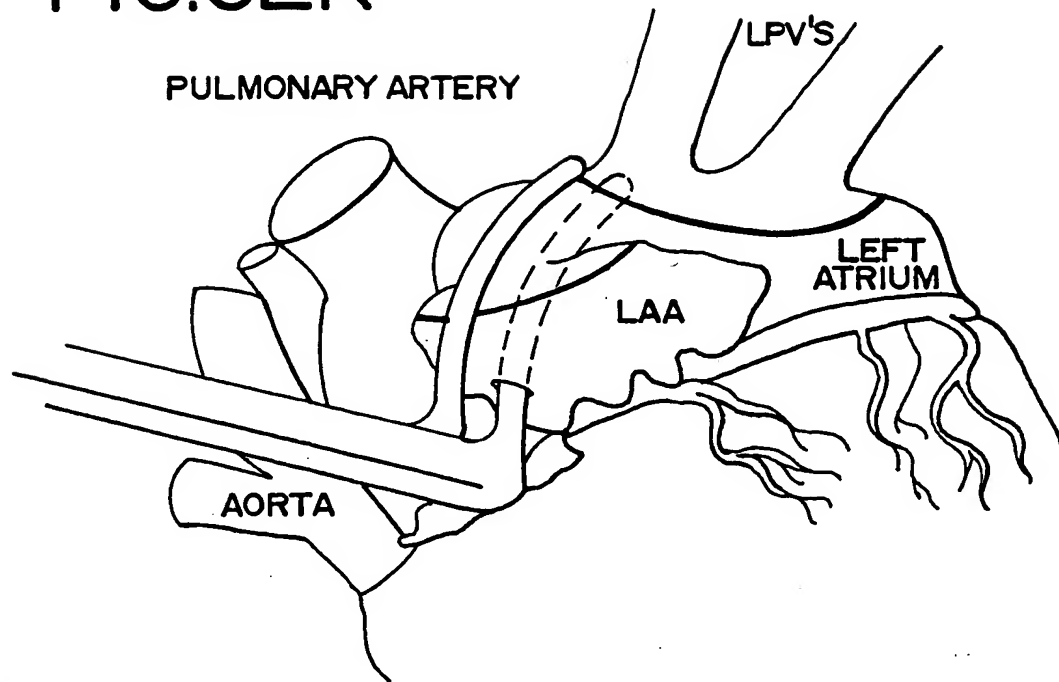


FIG.52J

PULMONARY ARTERY



FIG.52K



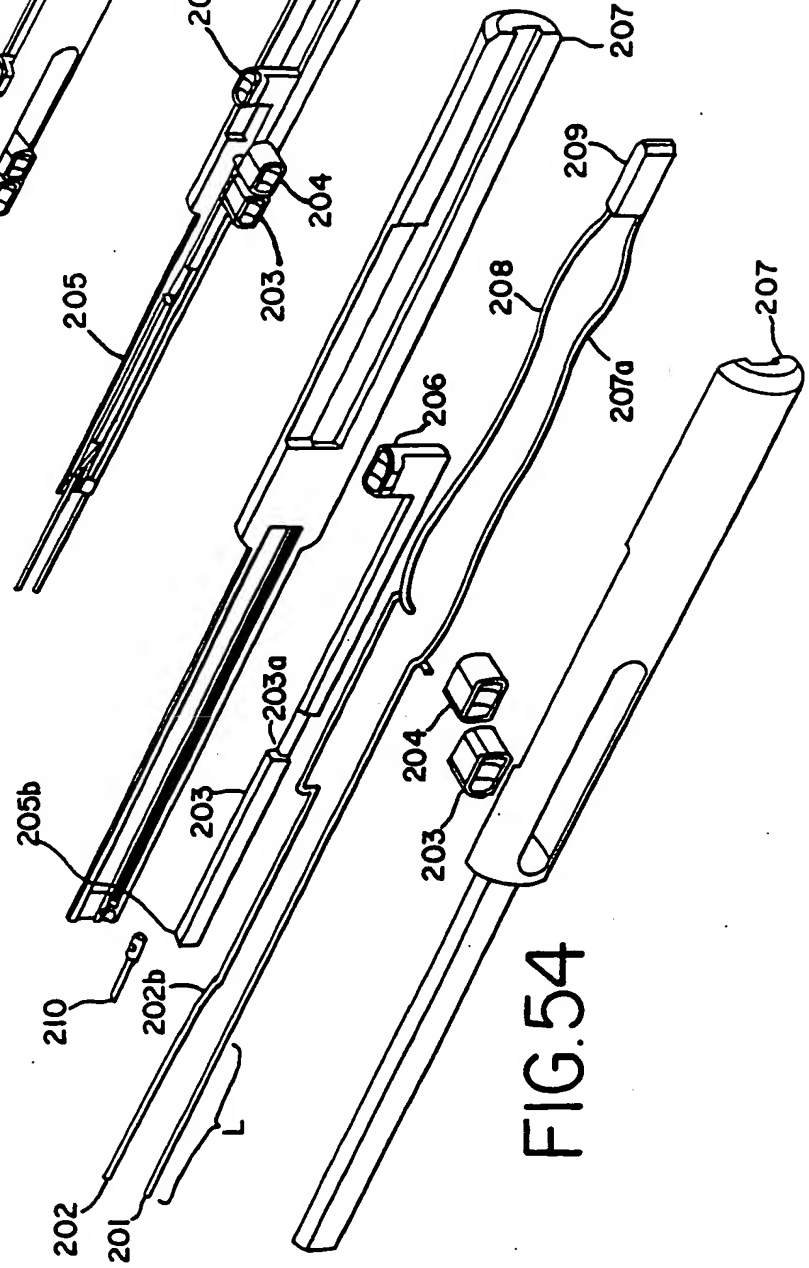
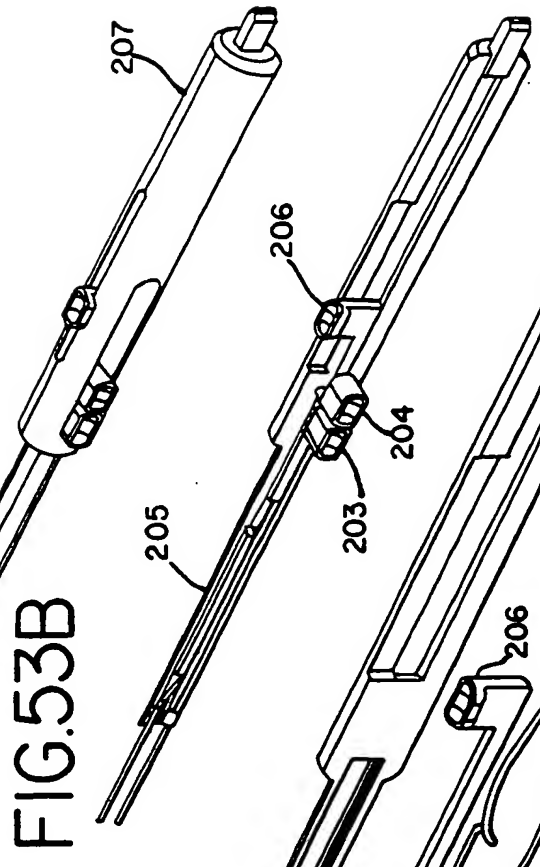
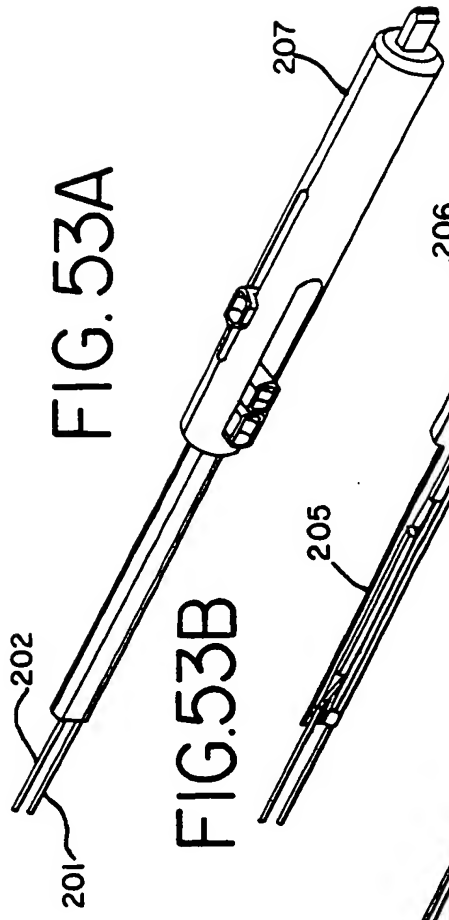


Figure 1 displays 15 bar charts, each representing a different protein type (A through O). Each chart shows the percentage of total protein in various fractions (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O) across different conditions (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15). The y-axis represents the percentage of total protein, ranging from 0 to 100. The x-axis represents the protein type. The bars are color-coded: red for A, blue for B, green for C, yellow for D, orange for E, purple for F, brown for G, pink for H, light blue for I, light green for J, light orange for K, light purple for L, light brown for M, light pink for N, and light blue for O. The data shows varying distributions of protein types across the fractions and conditions.

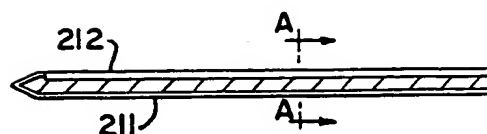


FIG. 58A

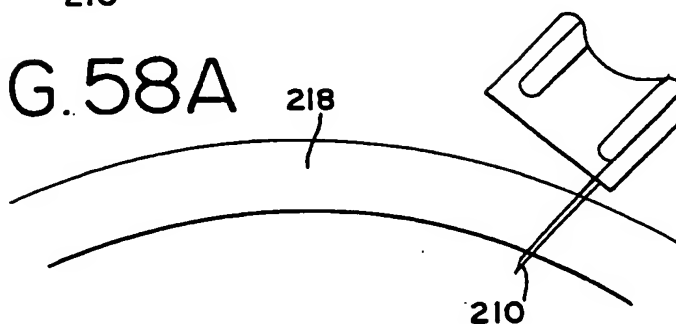


FIG. 58B

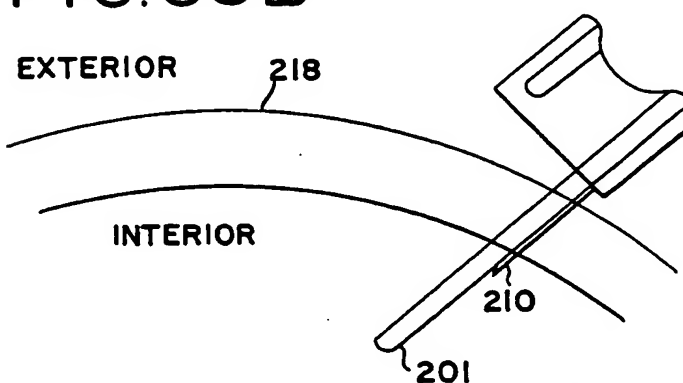


FIG. 58C

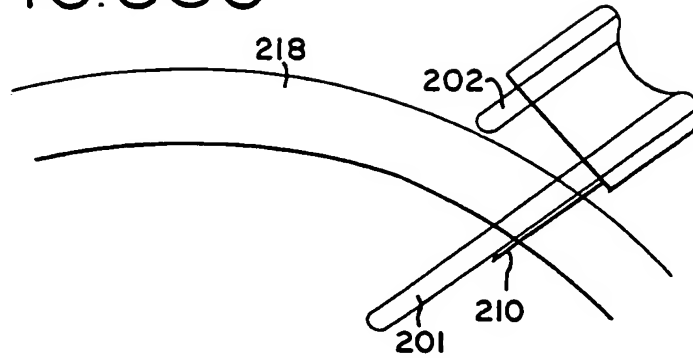


FIG. 58D

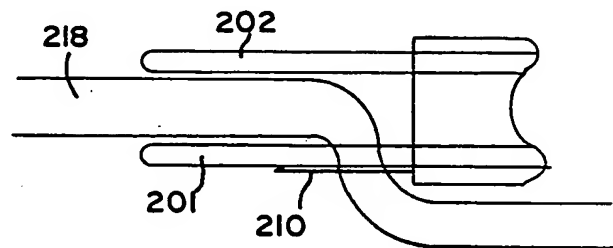


FIG. 58E

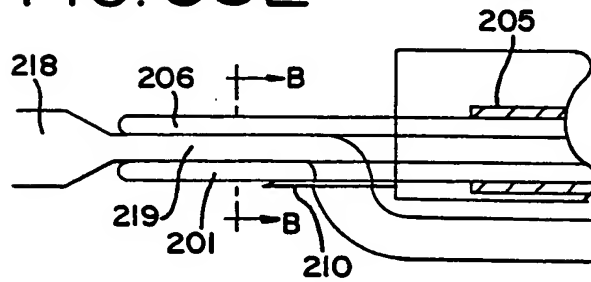


FIG. 58F

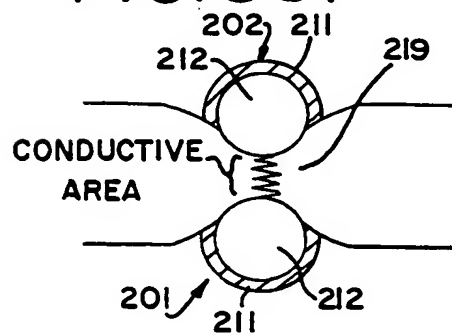
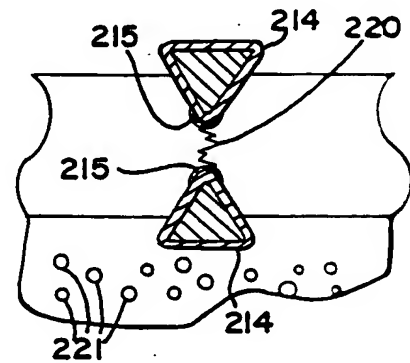


FIG. 58G



20220704131001

FIG. 59

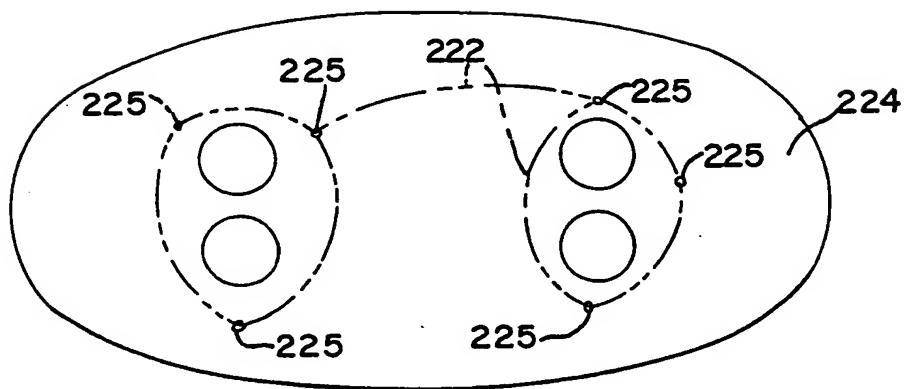


FIG. 60A

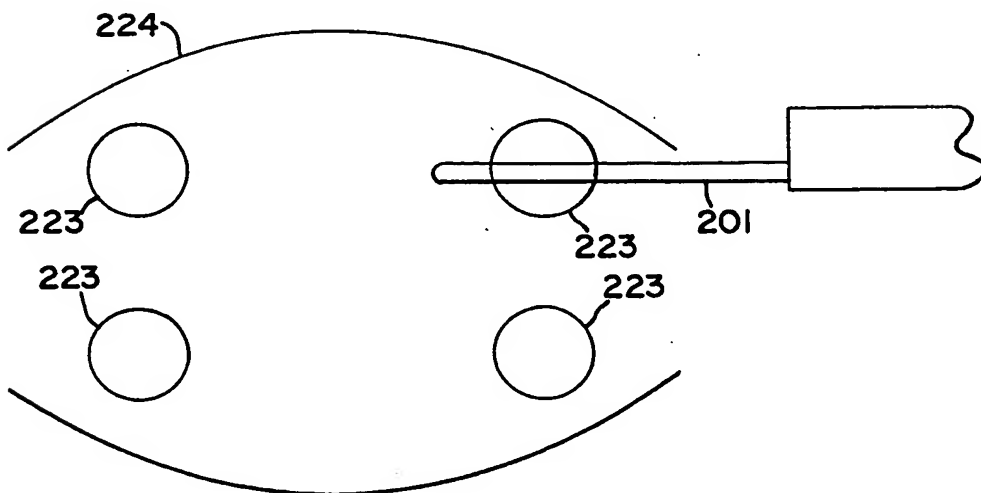




FIG. 60B

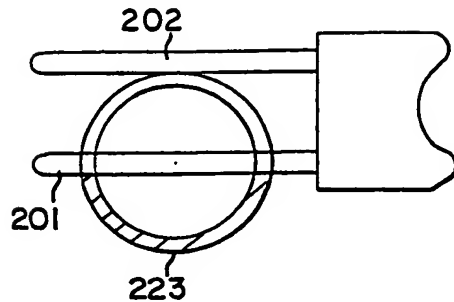


FIG. 60C

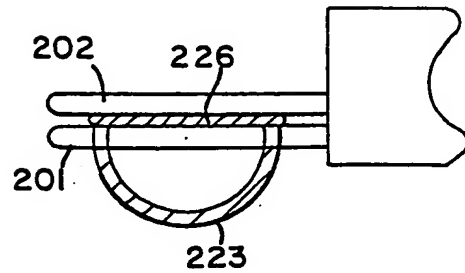


FIG. 60D

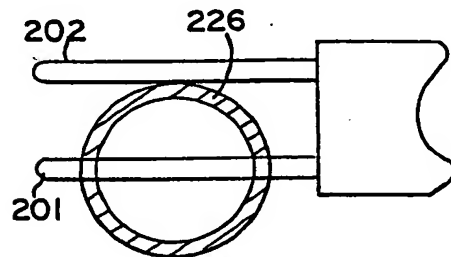


FIG. 60E

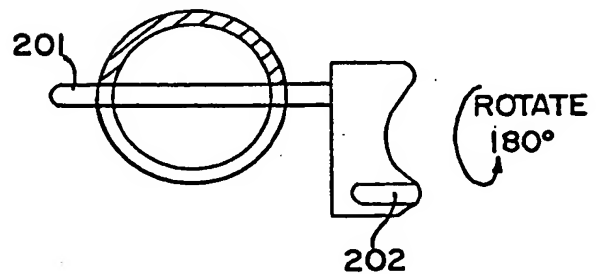


FIG. 60F

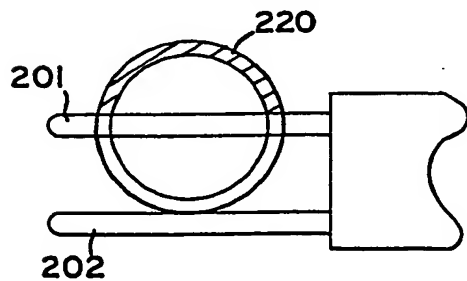


FIG. 60G

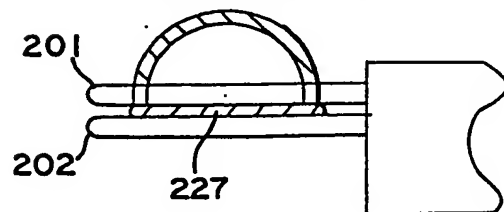


FIG. 60H

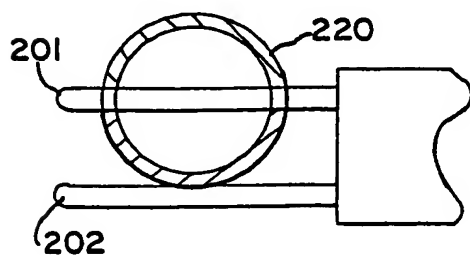
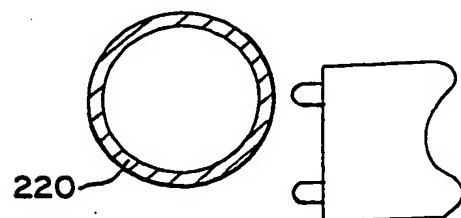
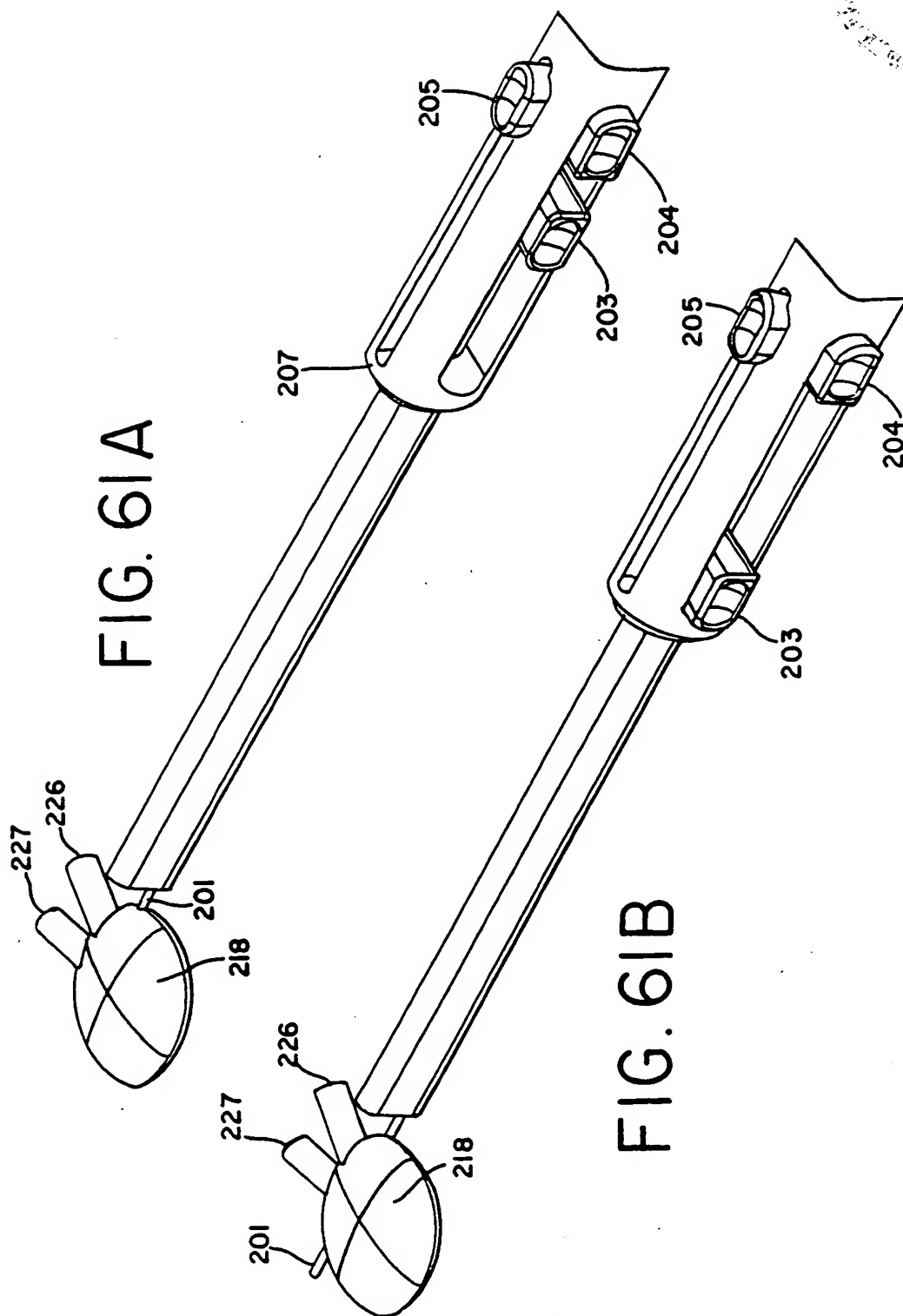
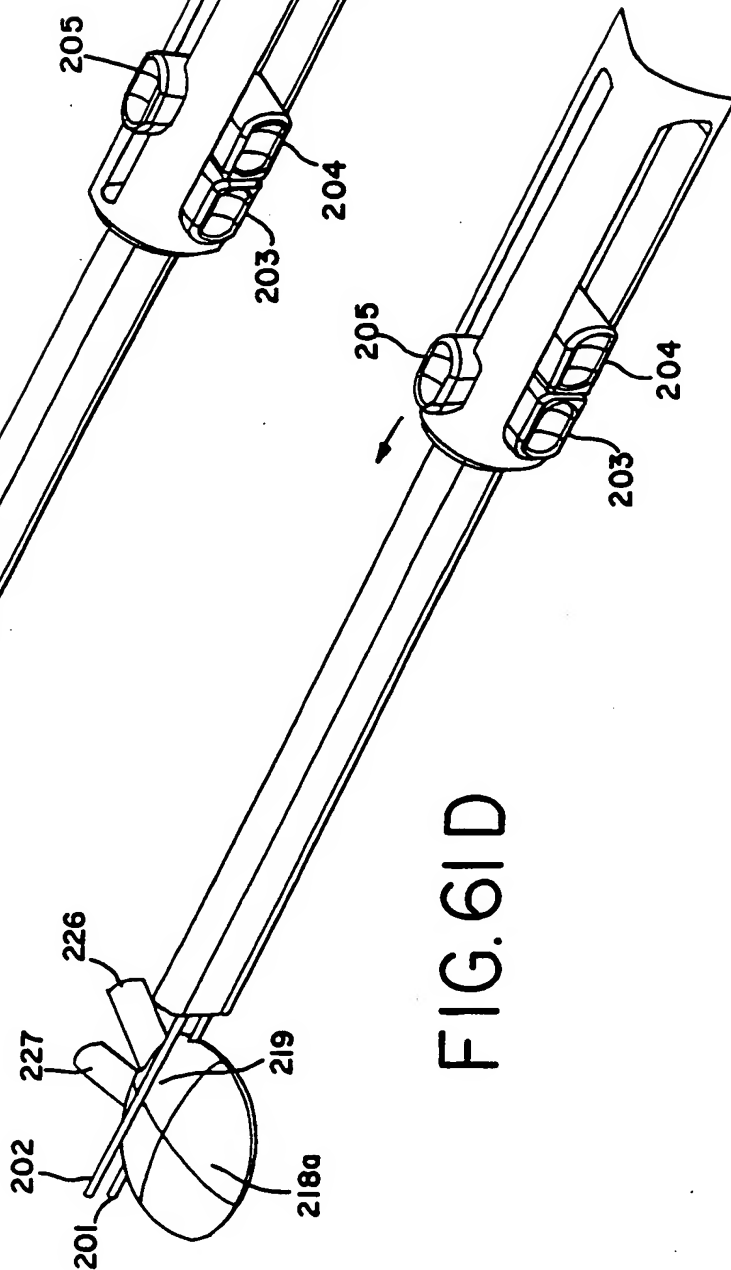
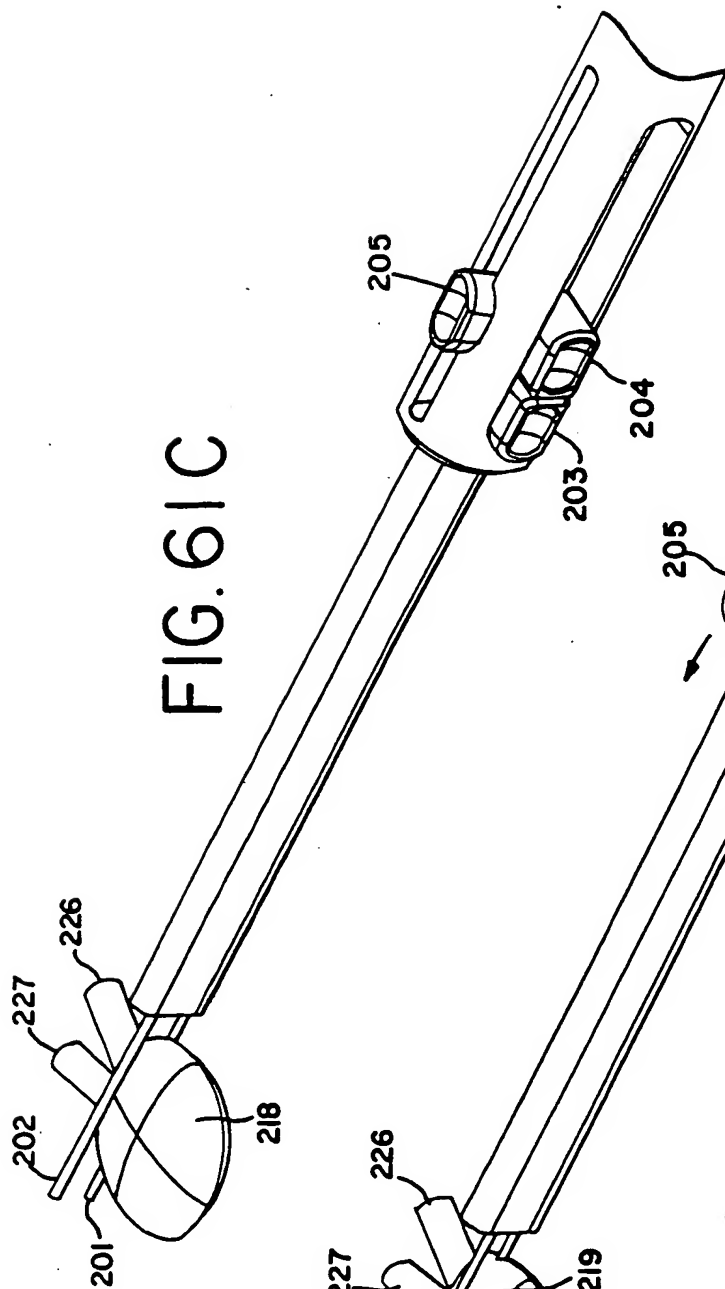


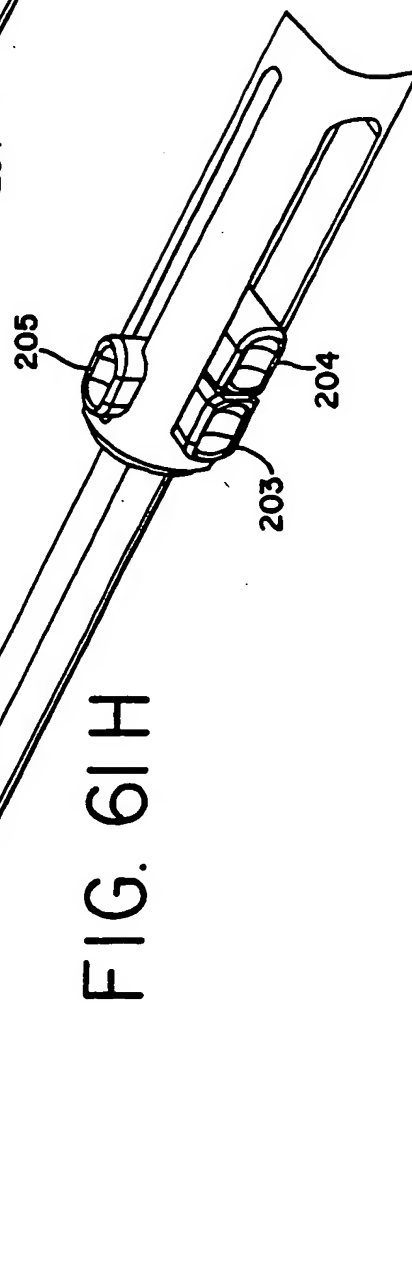
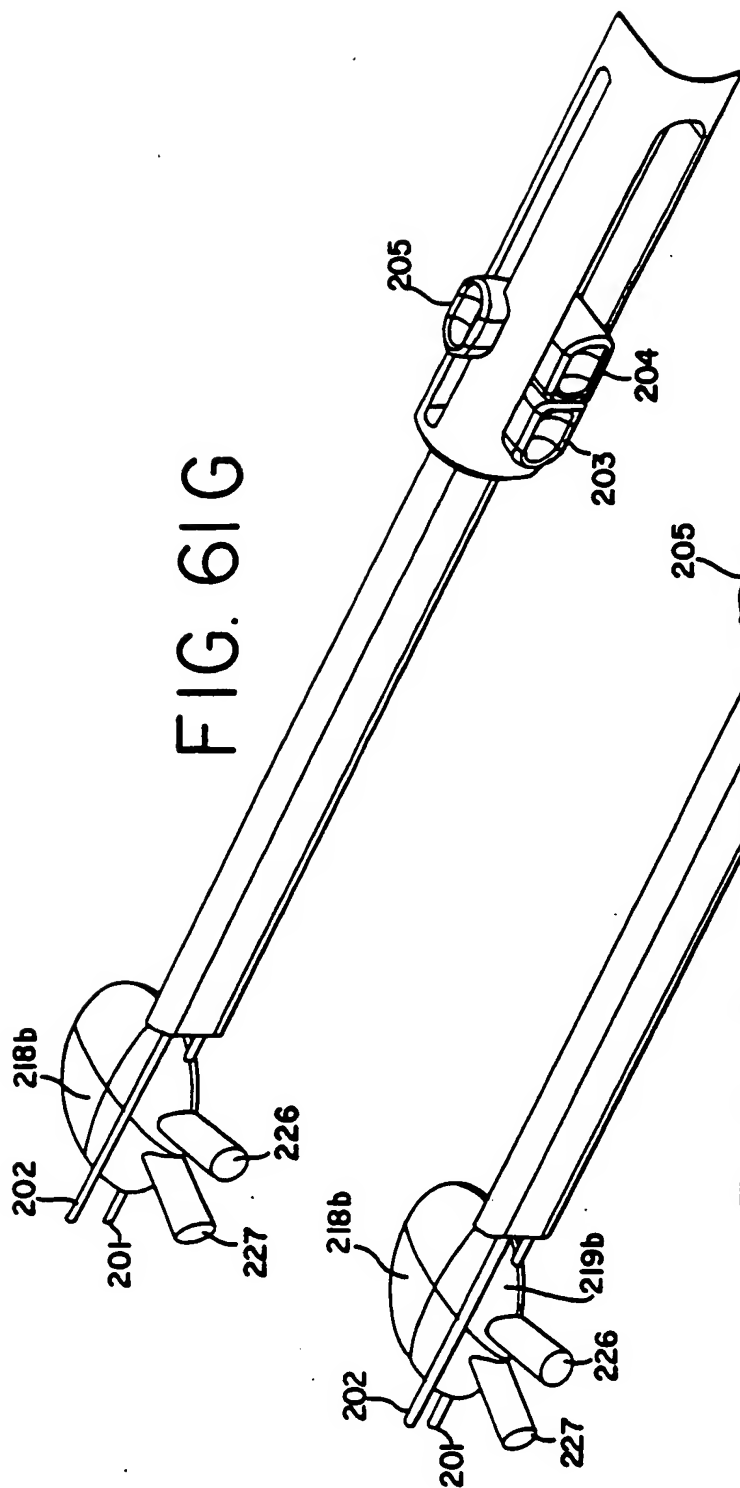
FIG. 60I











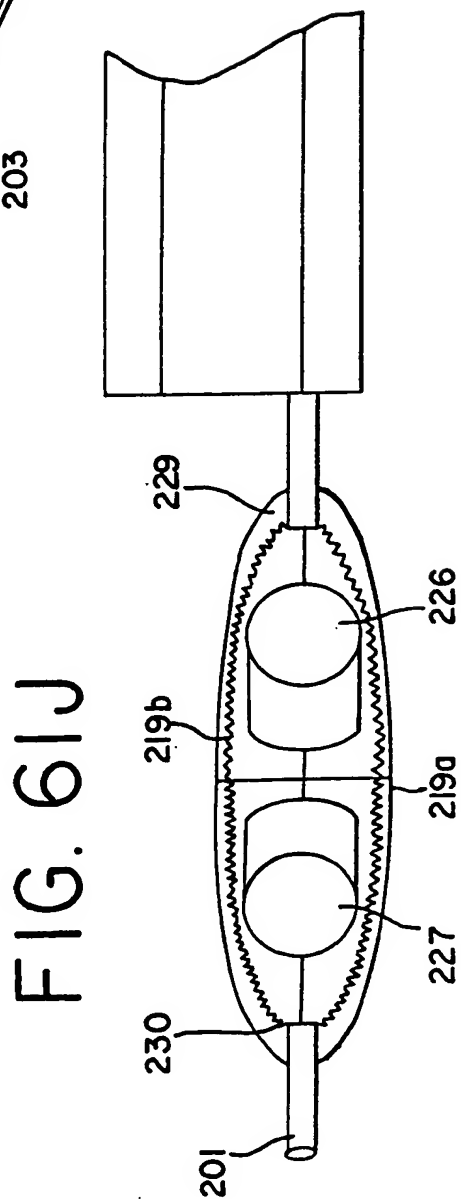
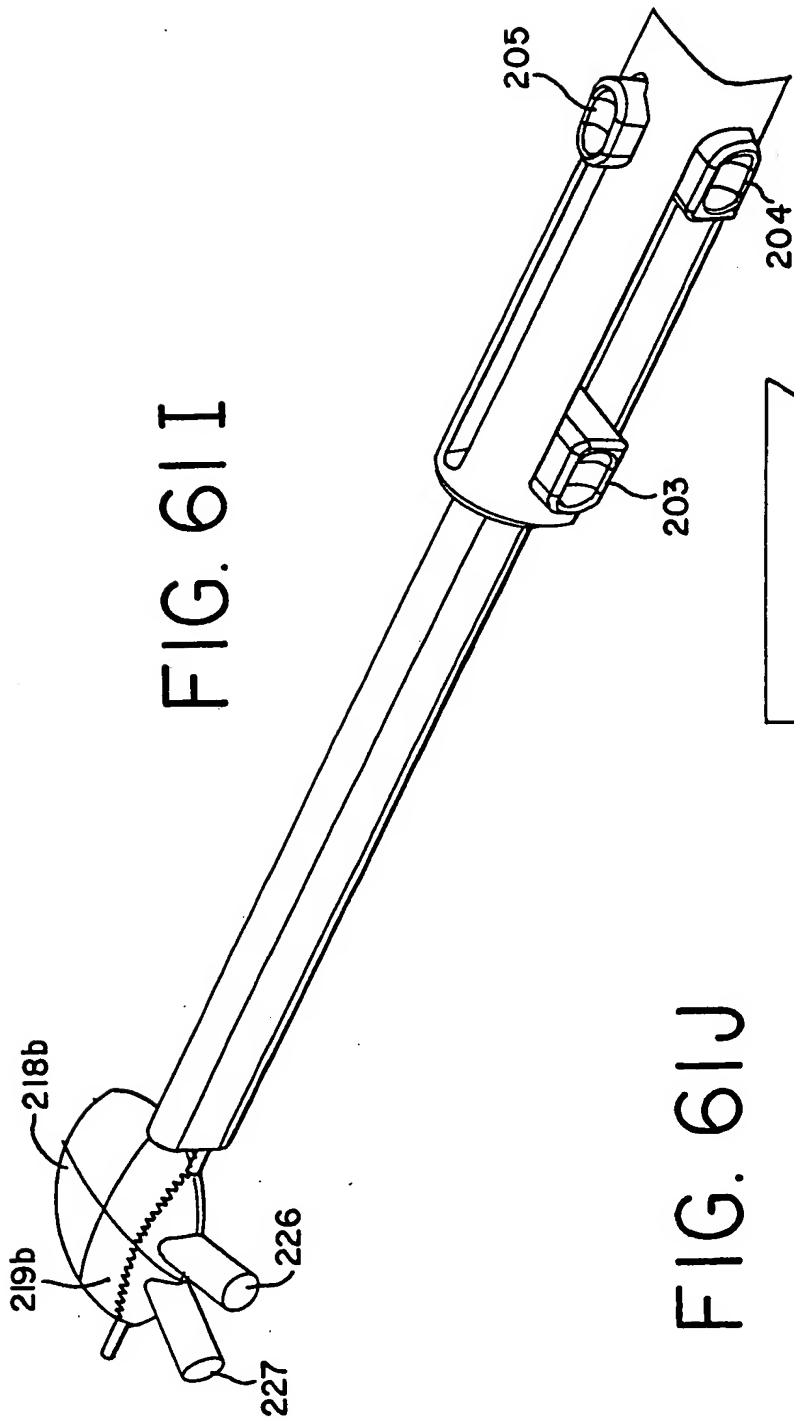


FIG. 62A

FIG.62A

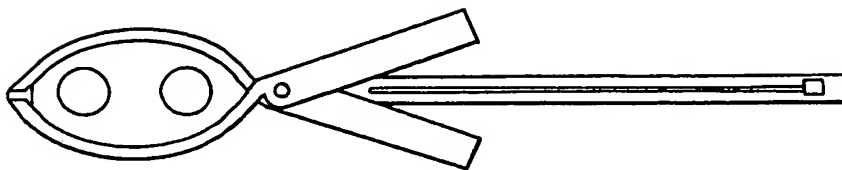


FIG.62B

RECEIVER

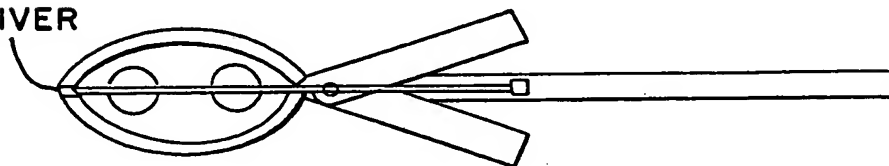
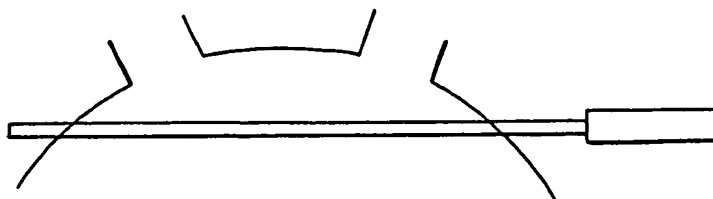


FIG.62C



[illegible][illegible][illegible]



FIG. 62G

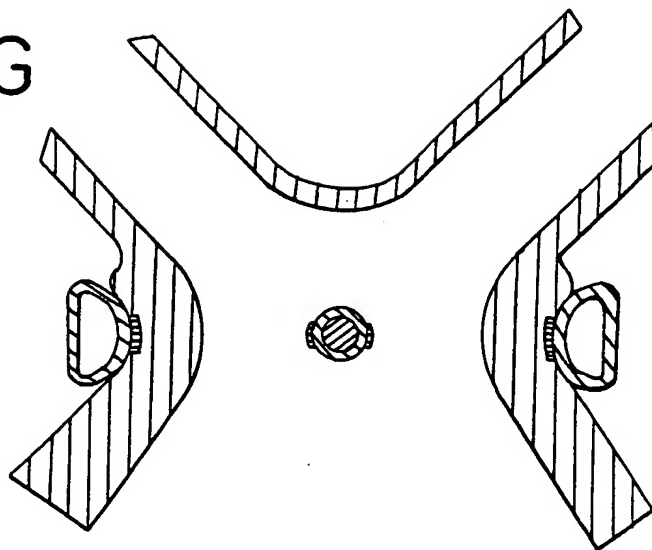


FIG. 62H

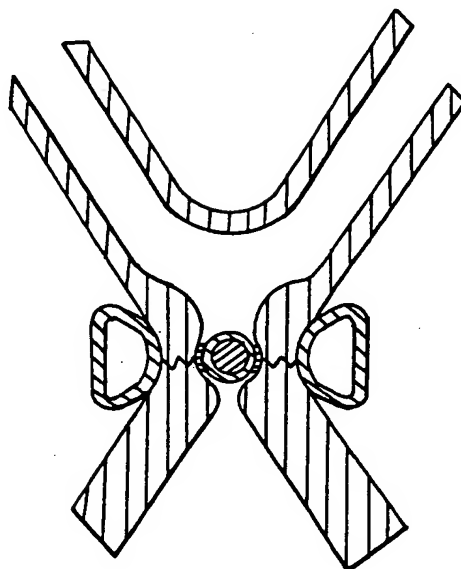
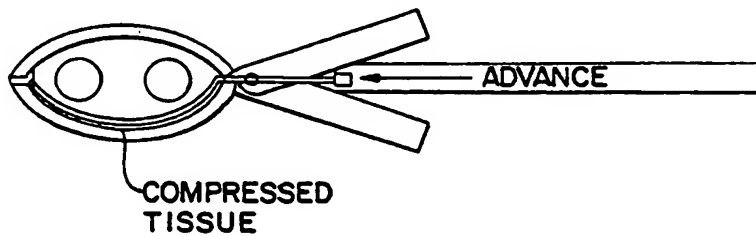


FIG. 62I



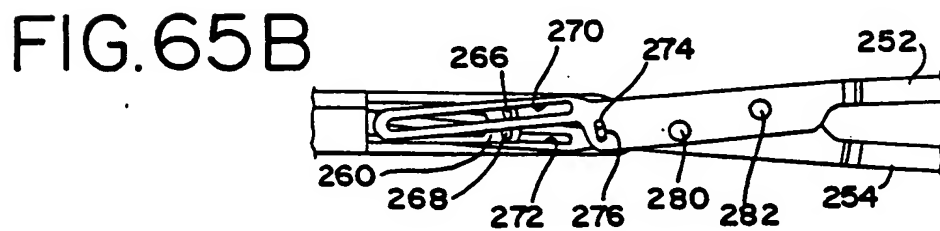
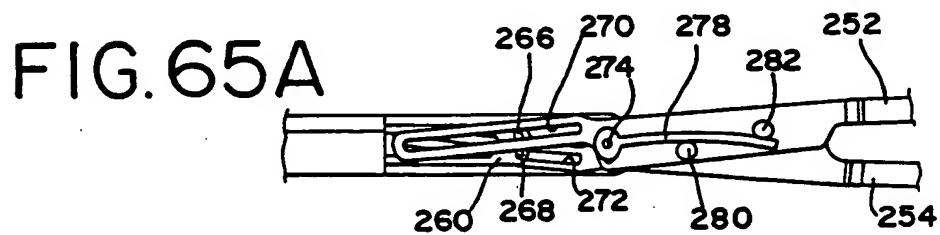
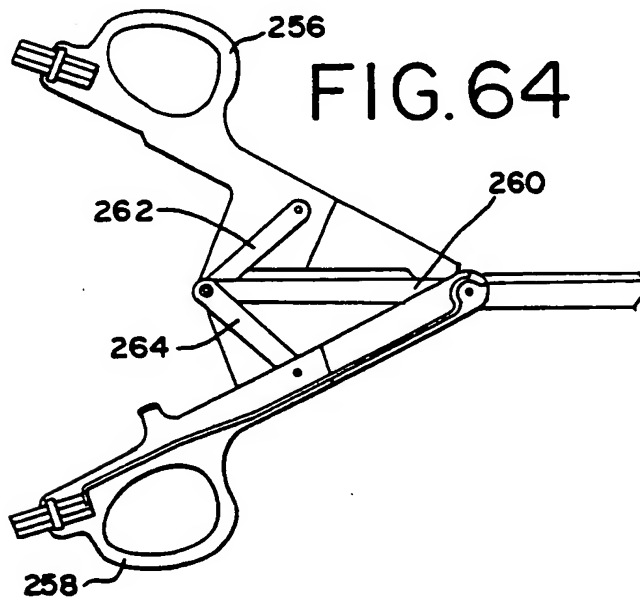
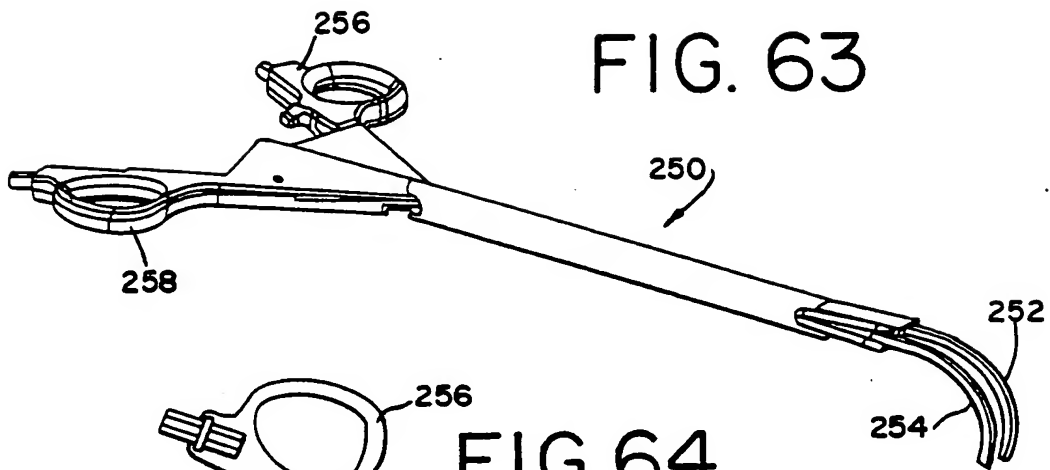


FIG. 66

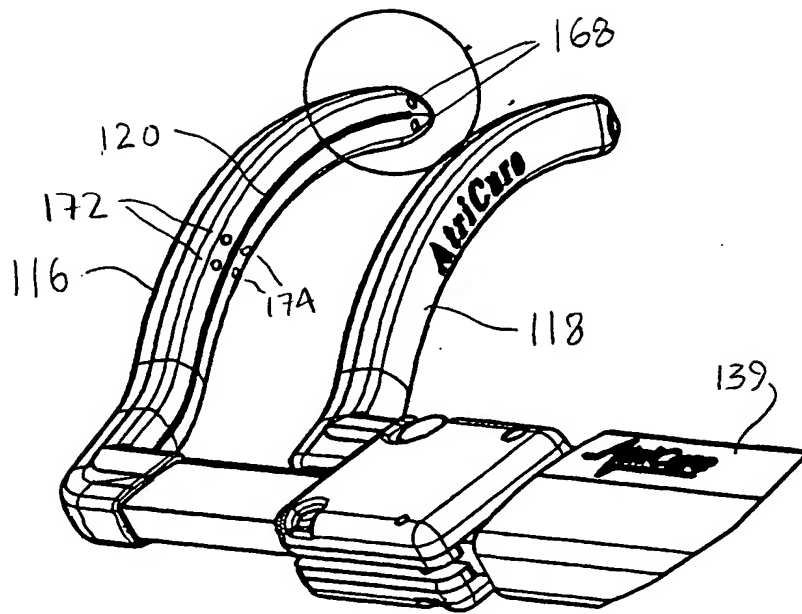
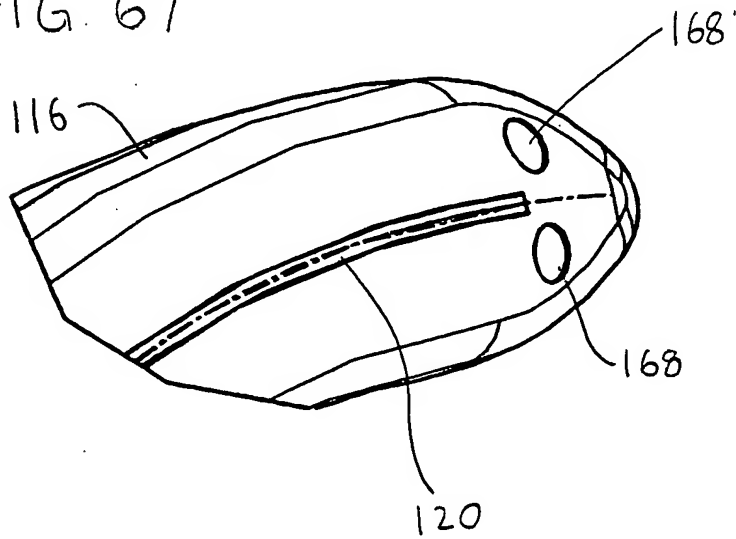


FIG. 67



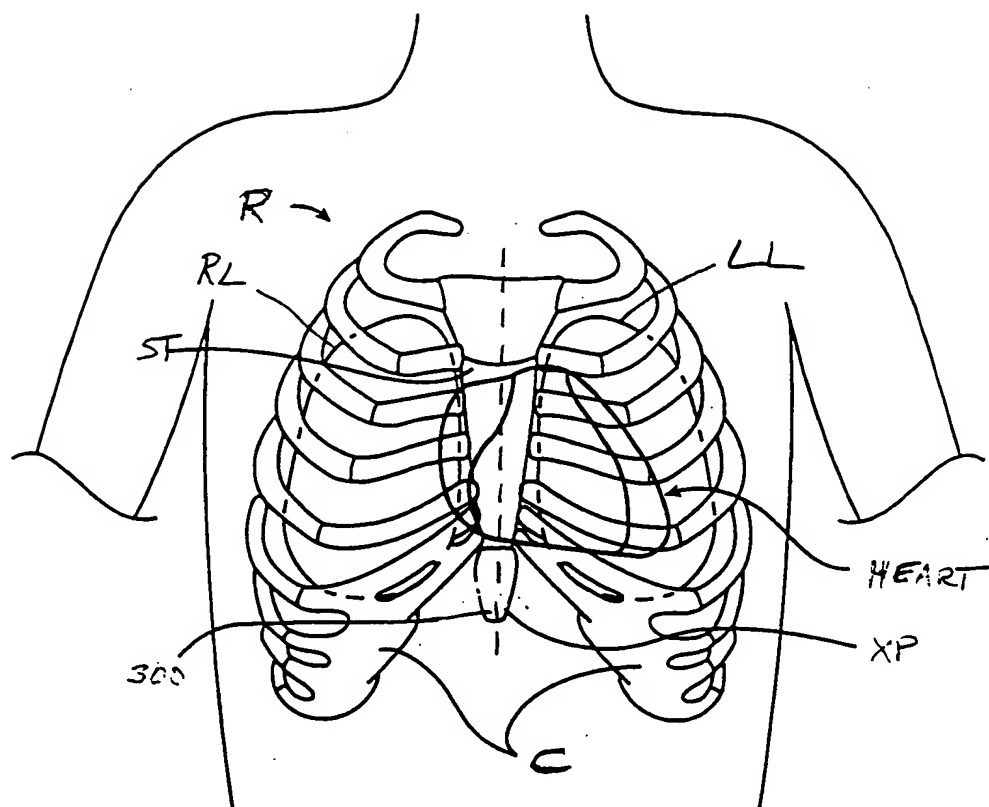


FIG. 68

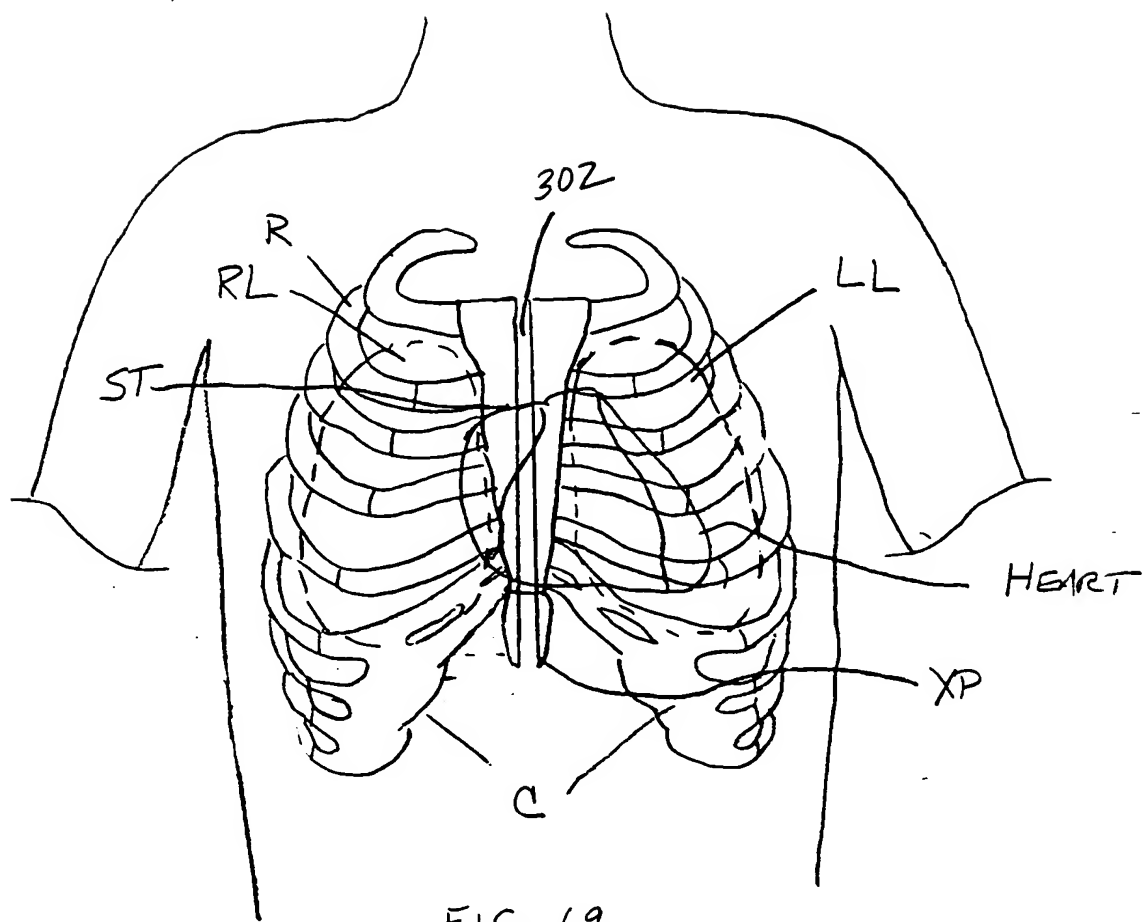


FIG. 69

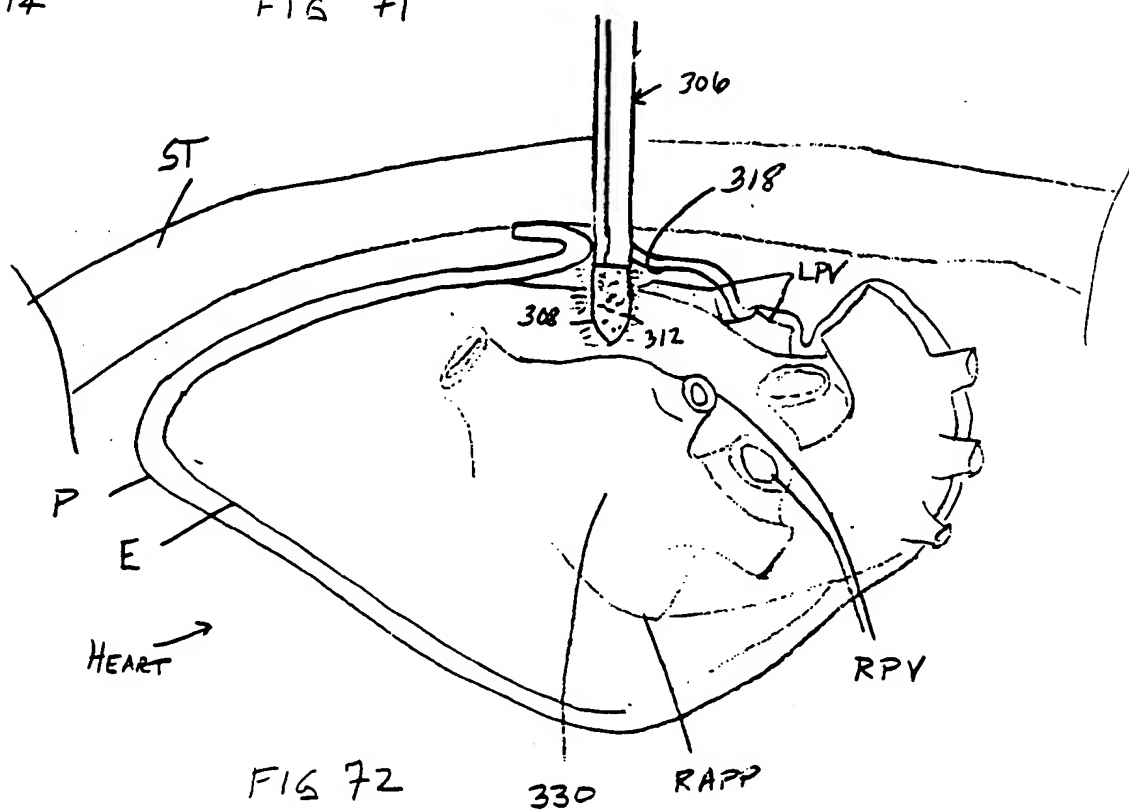
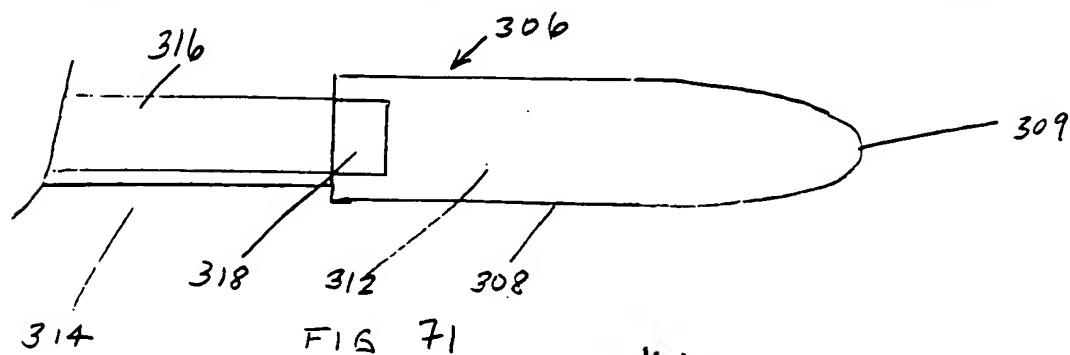
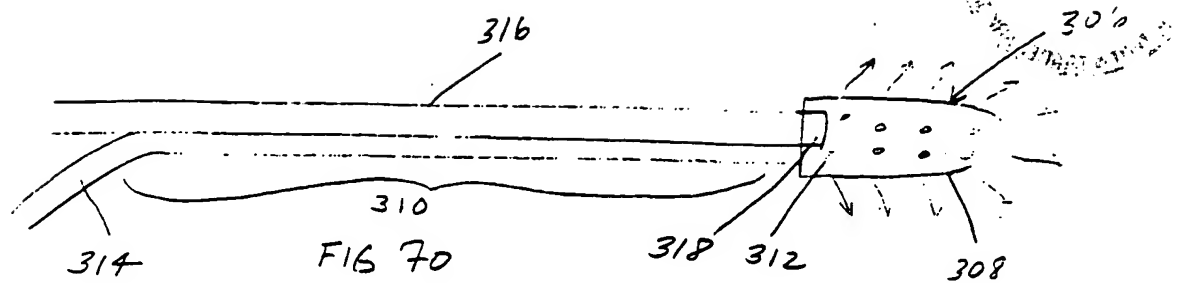




FIG 74

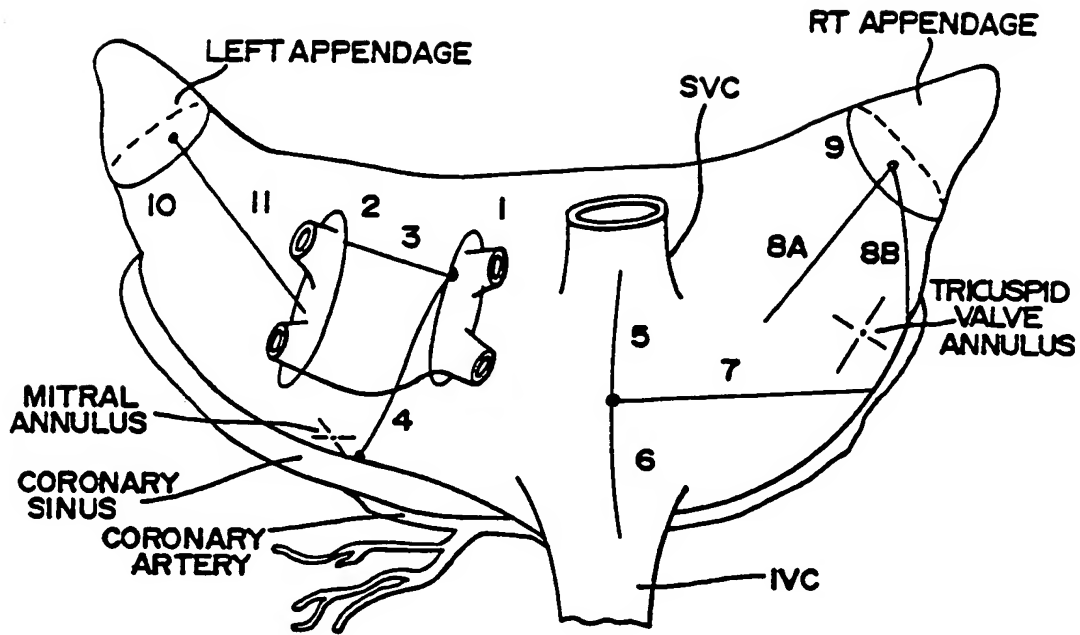
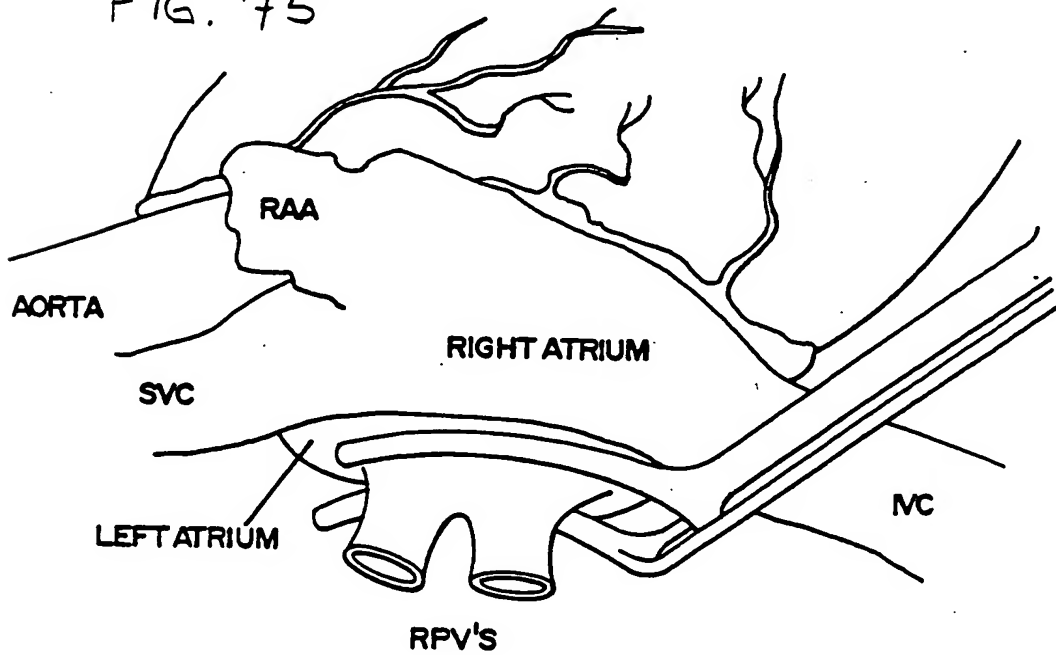


FIG. 75





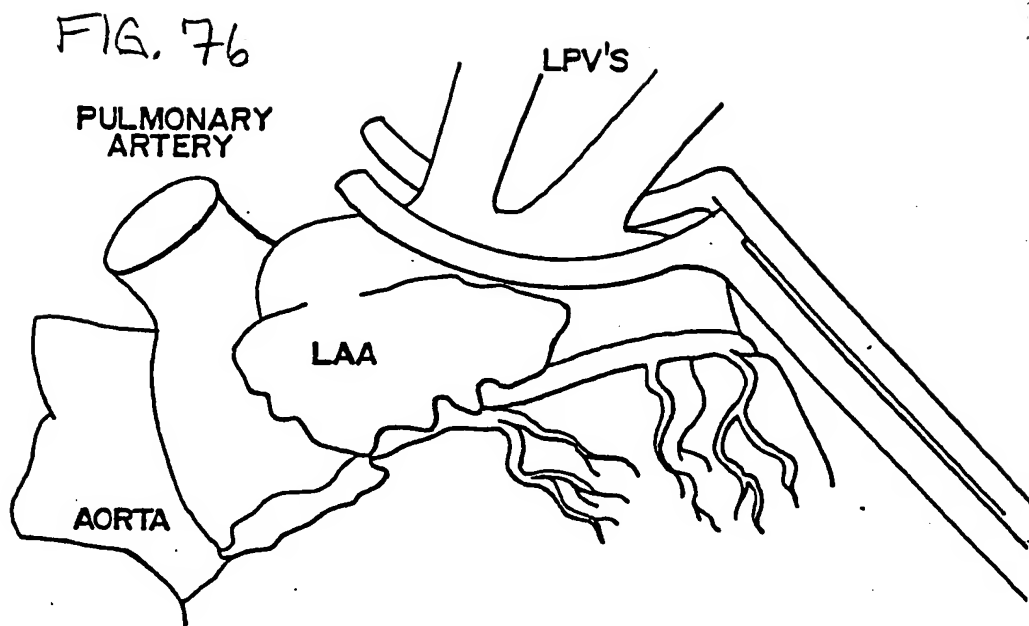
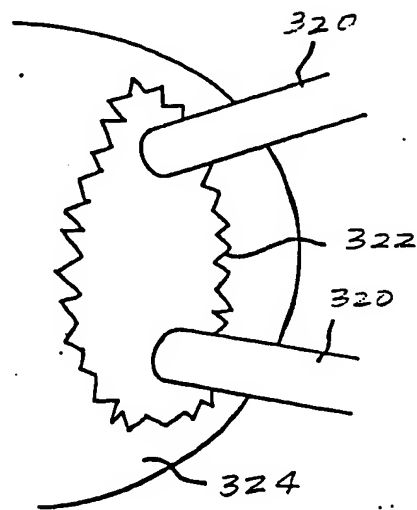


FIG. 77



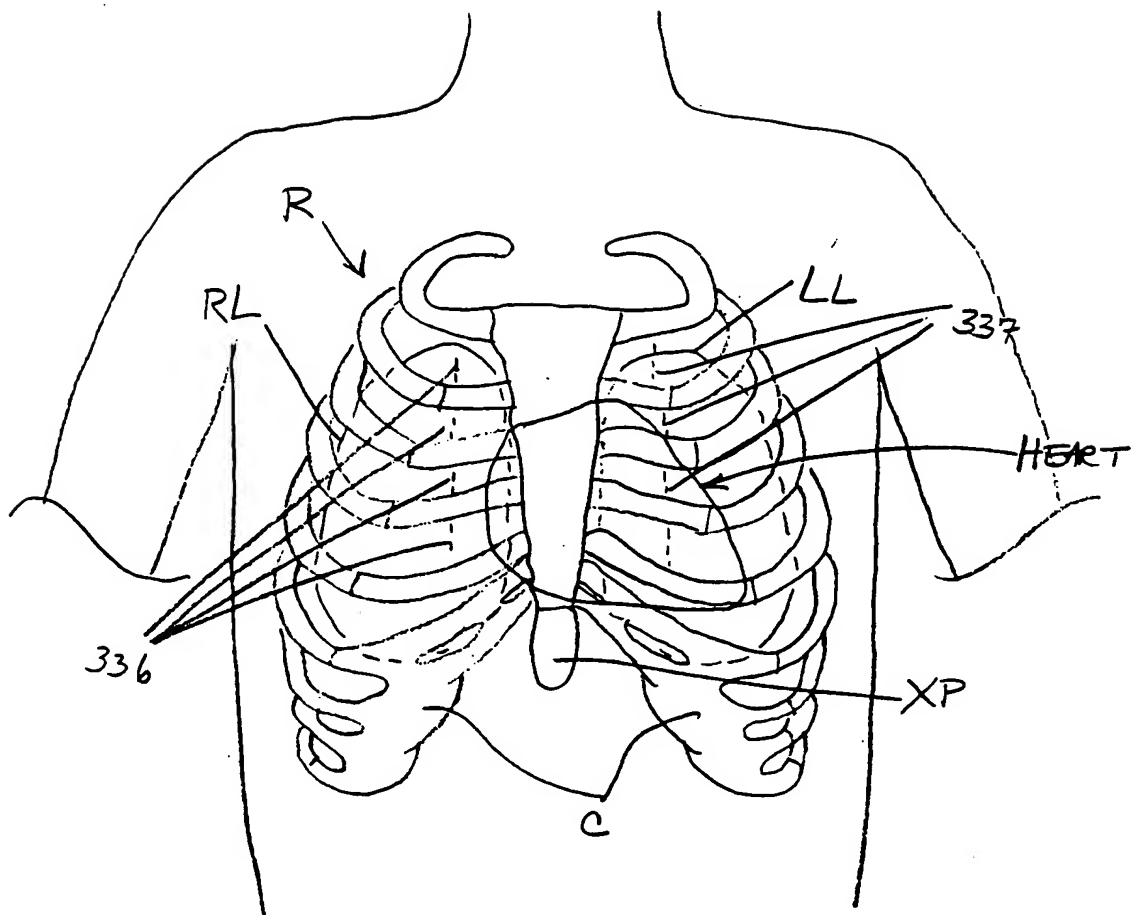


FIG. 78

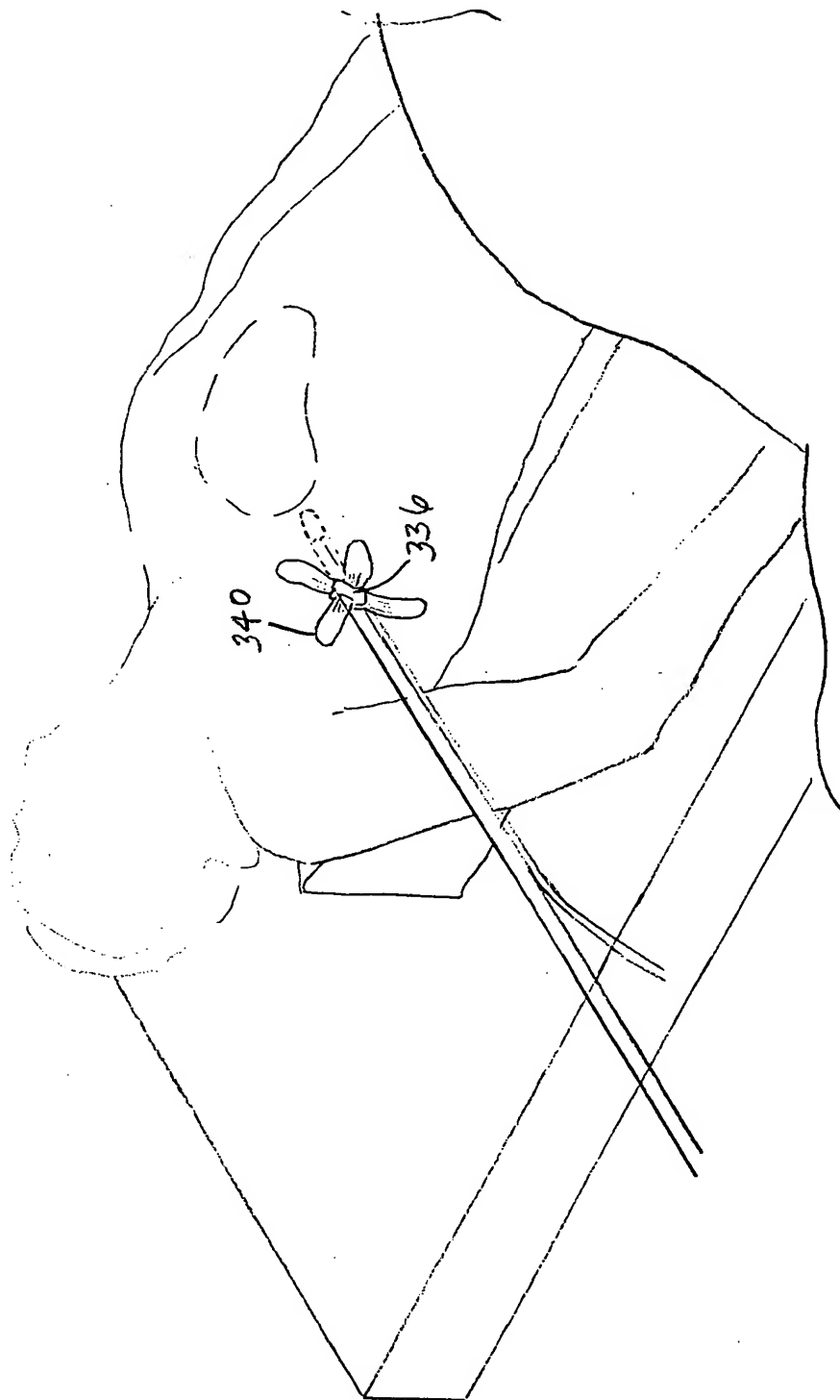
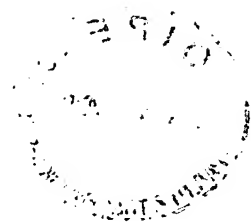


FIG. 79



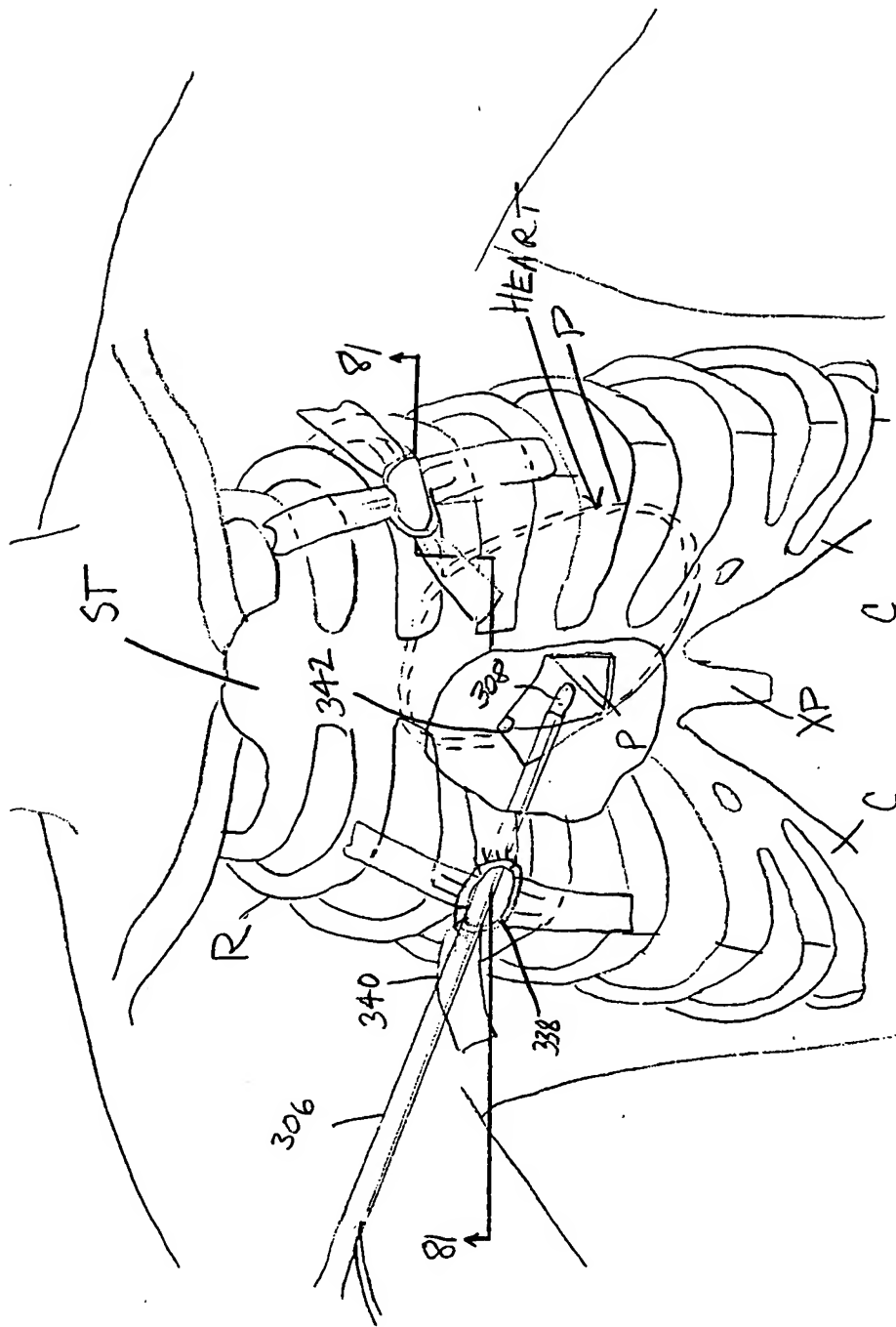


FIG. 80

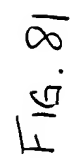


Fig. 18.51

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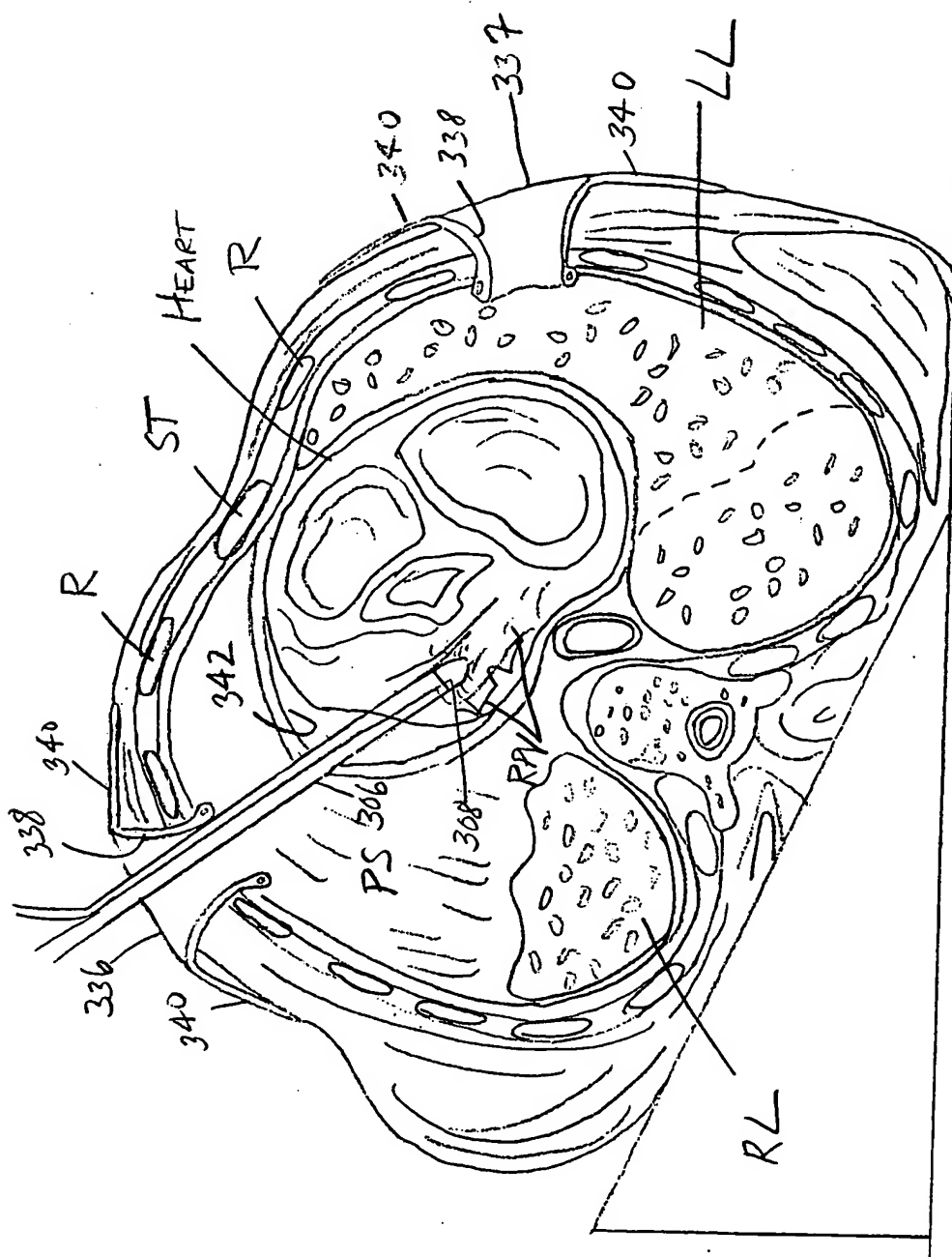


Fig. 8.2

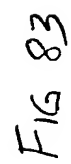


Fig 83

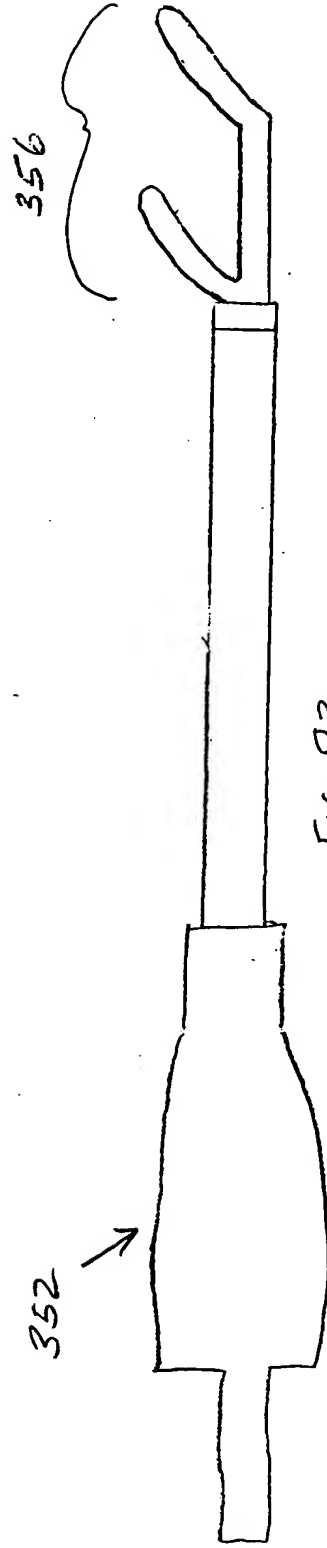


FIG. 83

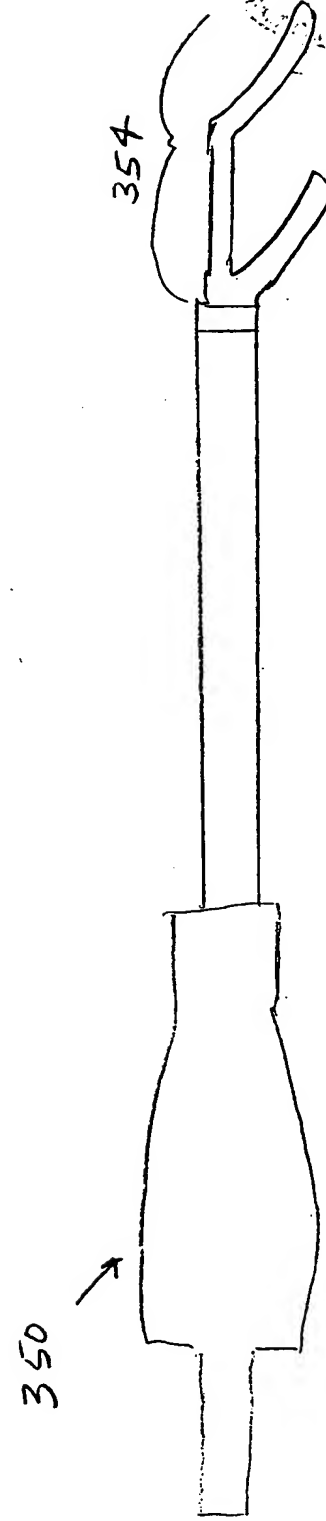


FIG. 83A





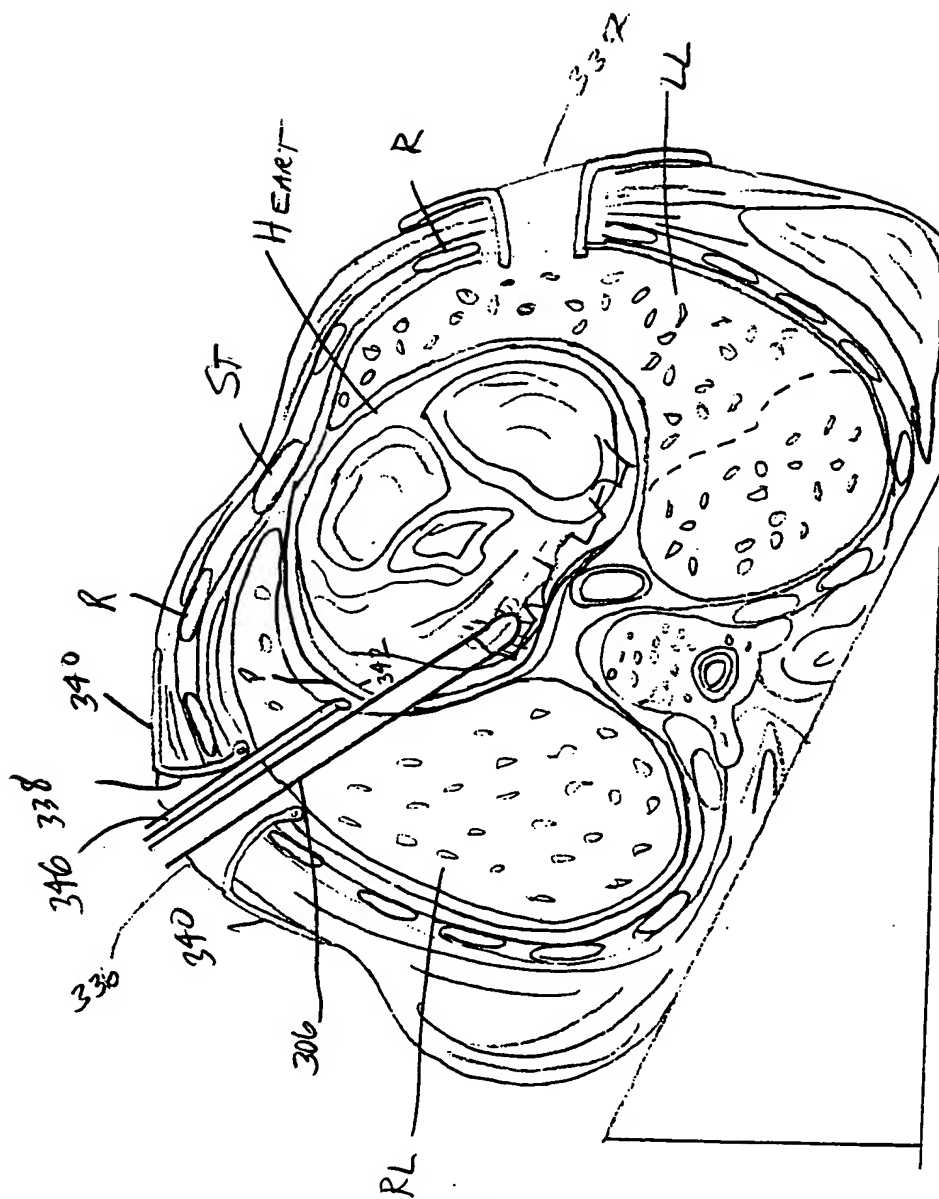


FIG. 85

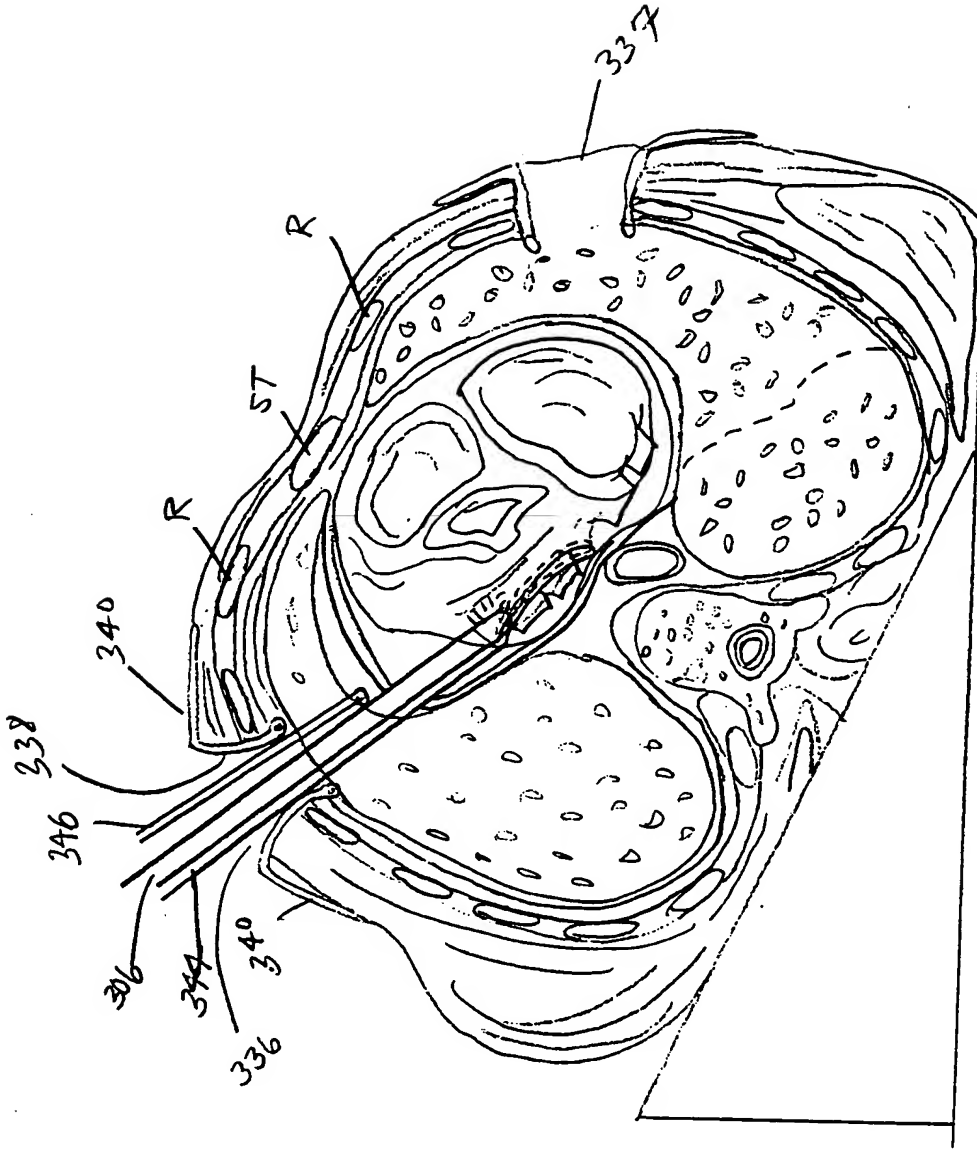


FIG 86

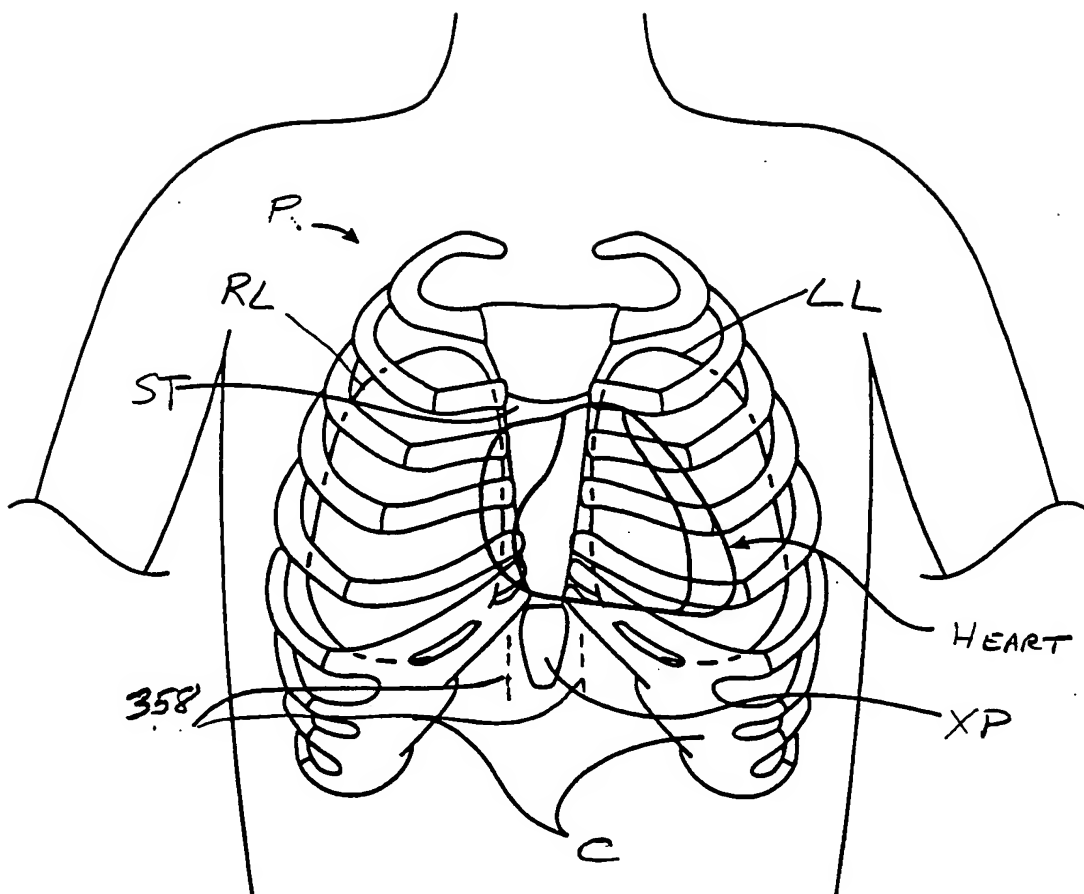
[illegible]

FIG. 87

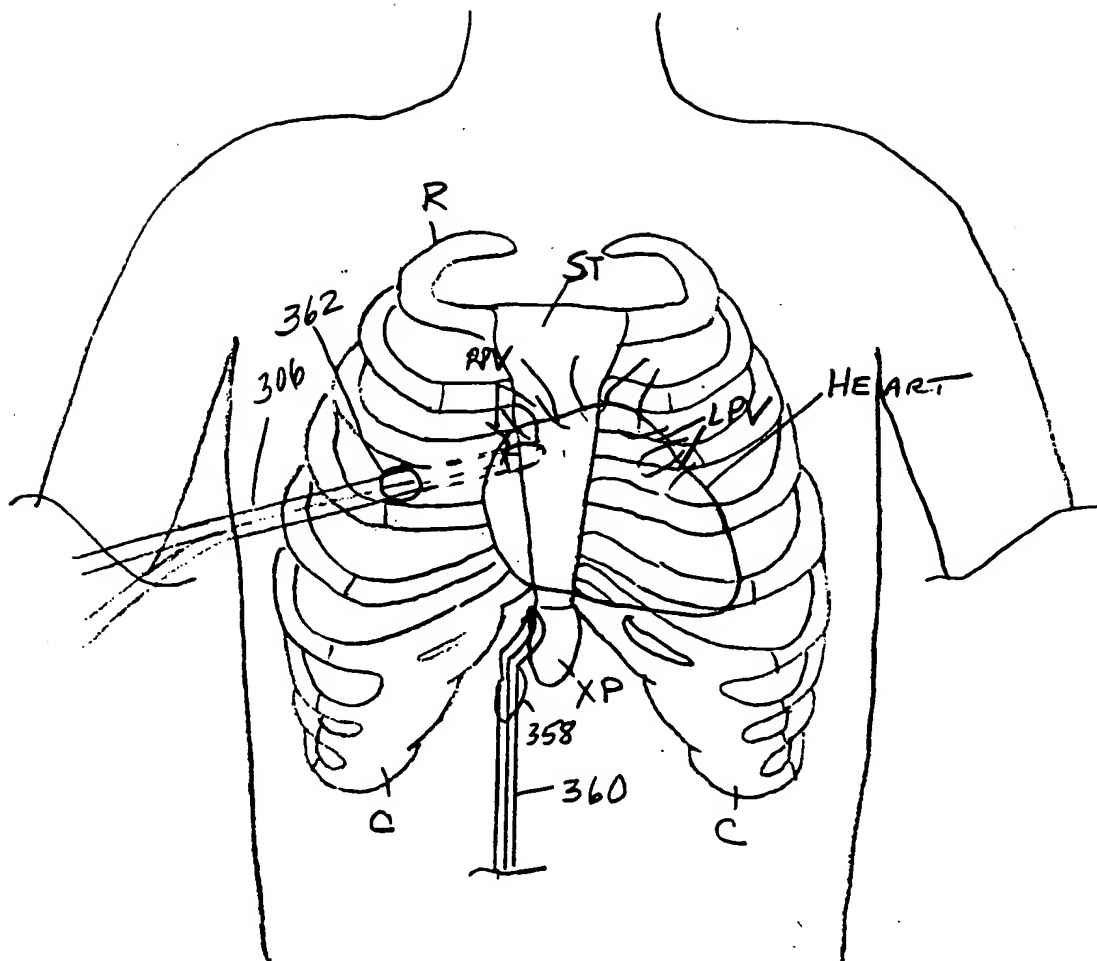
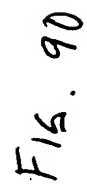


FIG. 88

A circular ink stamp from the National Bureau of Standards. The text "NATIONAL BUREAU OF STANDARDS" is arranged in a circle around the center. In the center, the words "Gaithersburg, Md." are printed.



A circular ink stamp from the National Bureau of Standards. The text "NATIONAL BUREAU OF STANDARDS" is arranged in a circle around the center. In the center, the words "Gaithersburg, Md." are printed.

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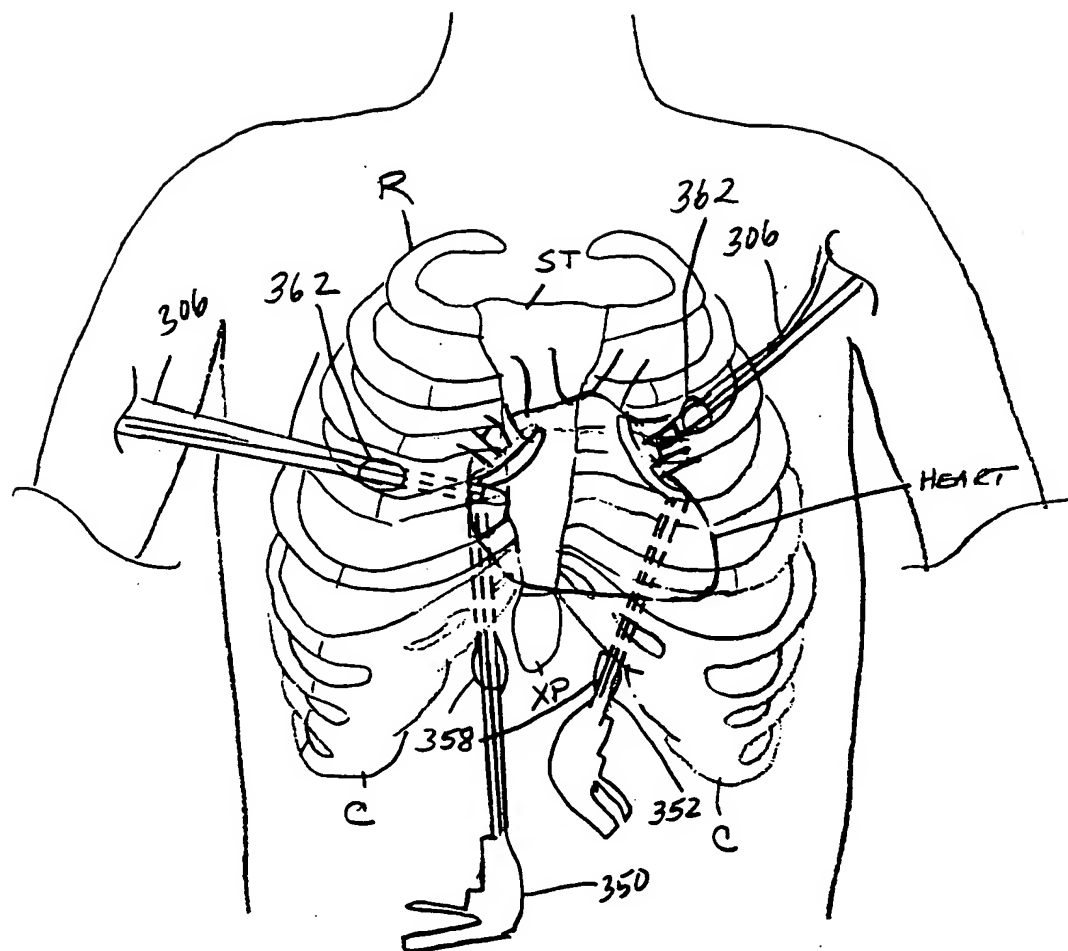
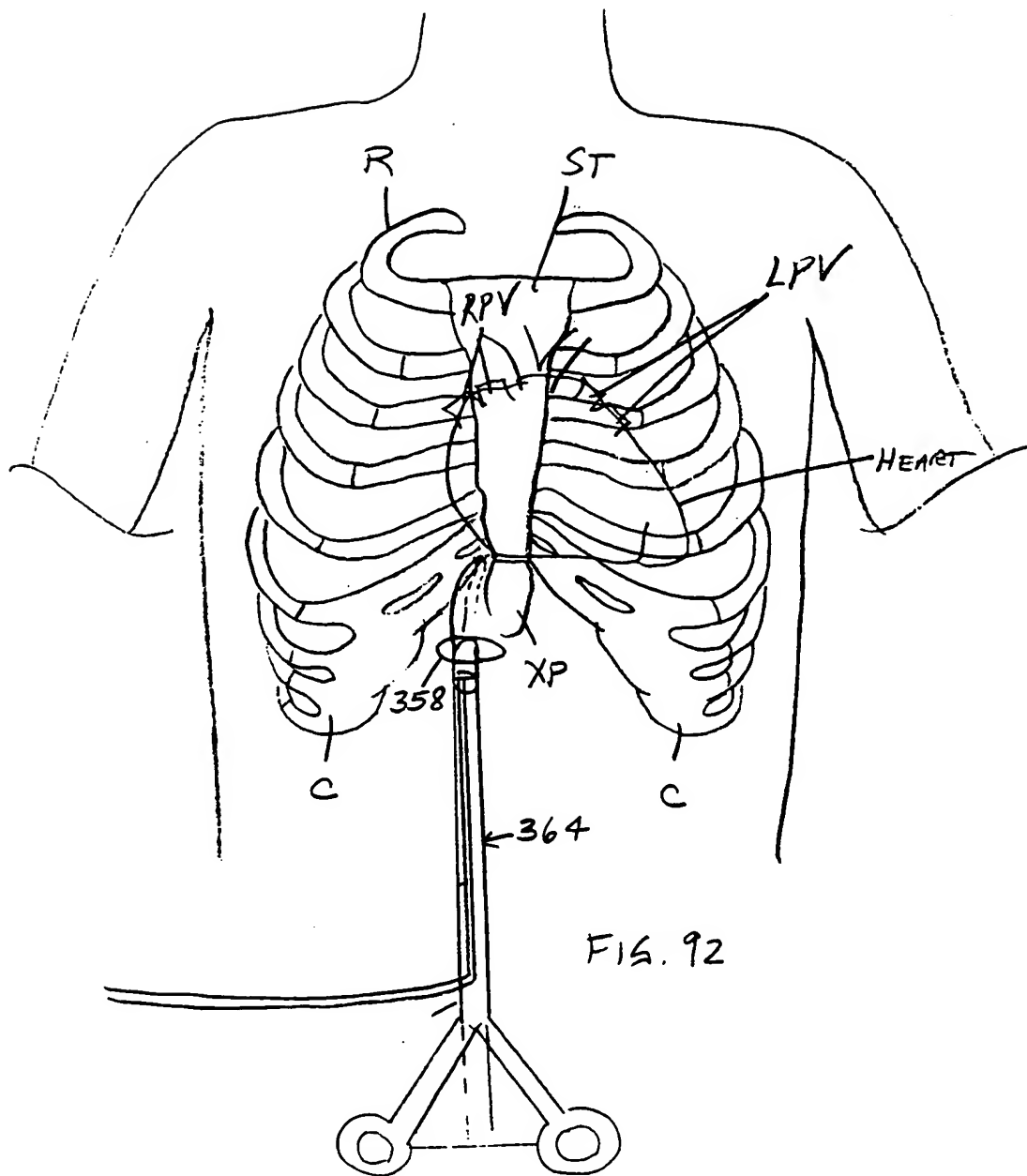
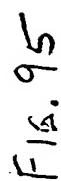


FIG 91







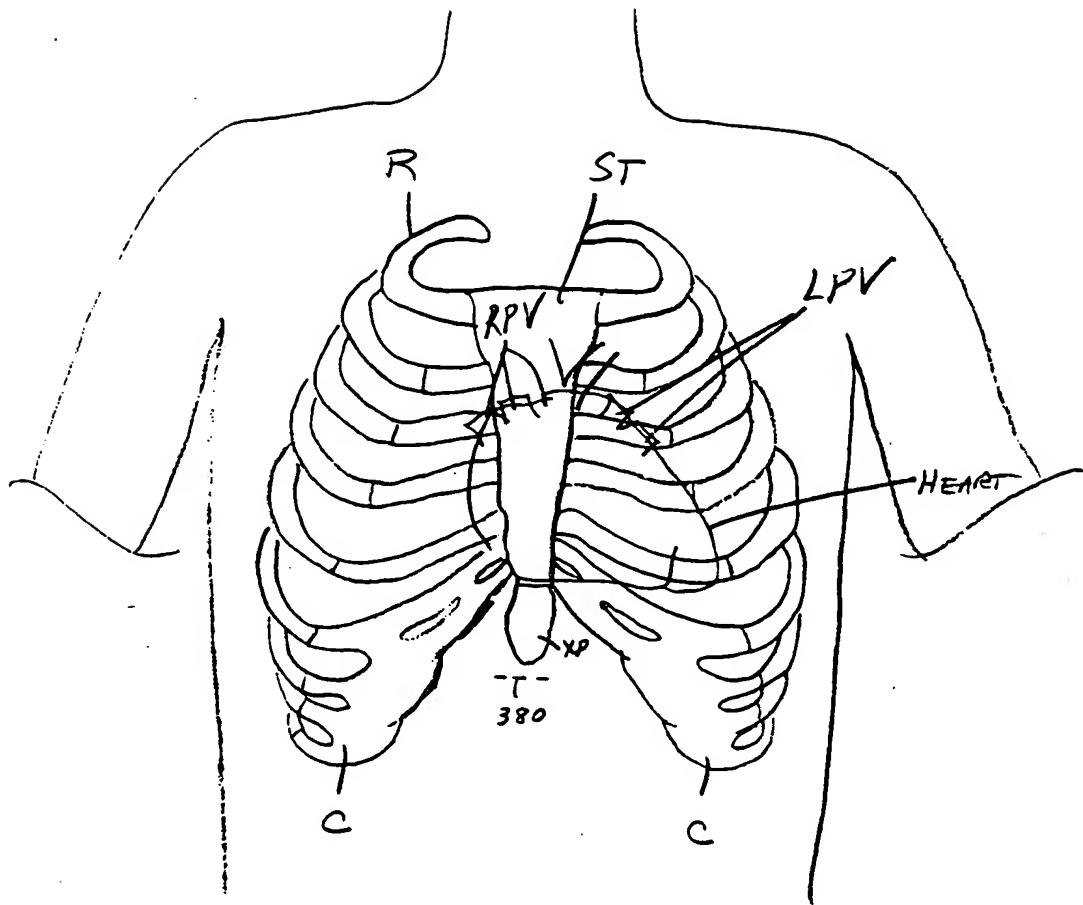


FIG. 96

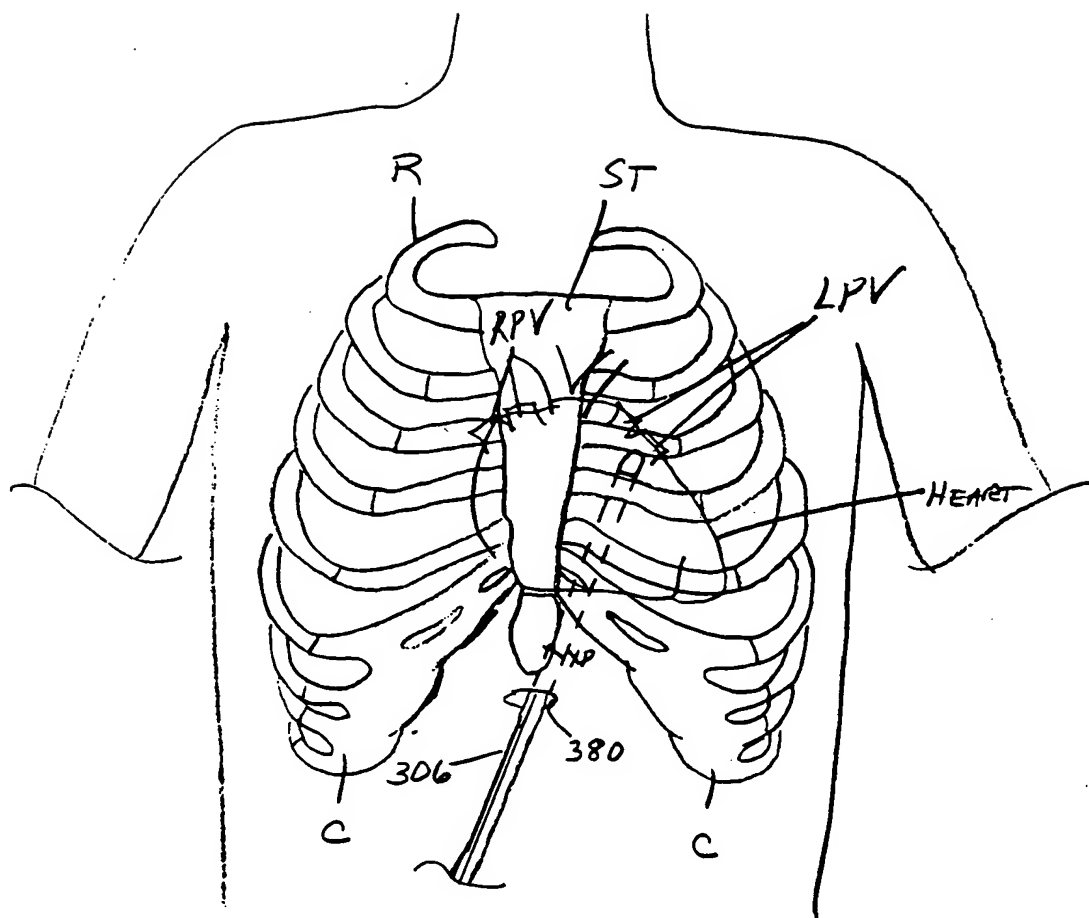
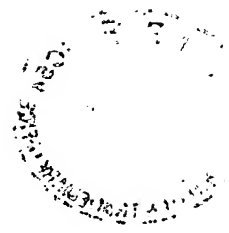


FIG. 97

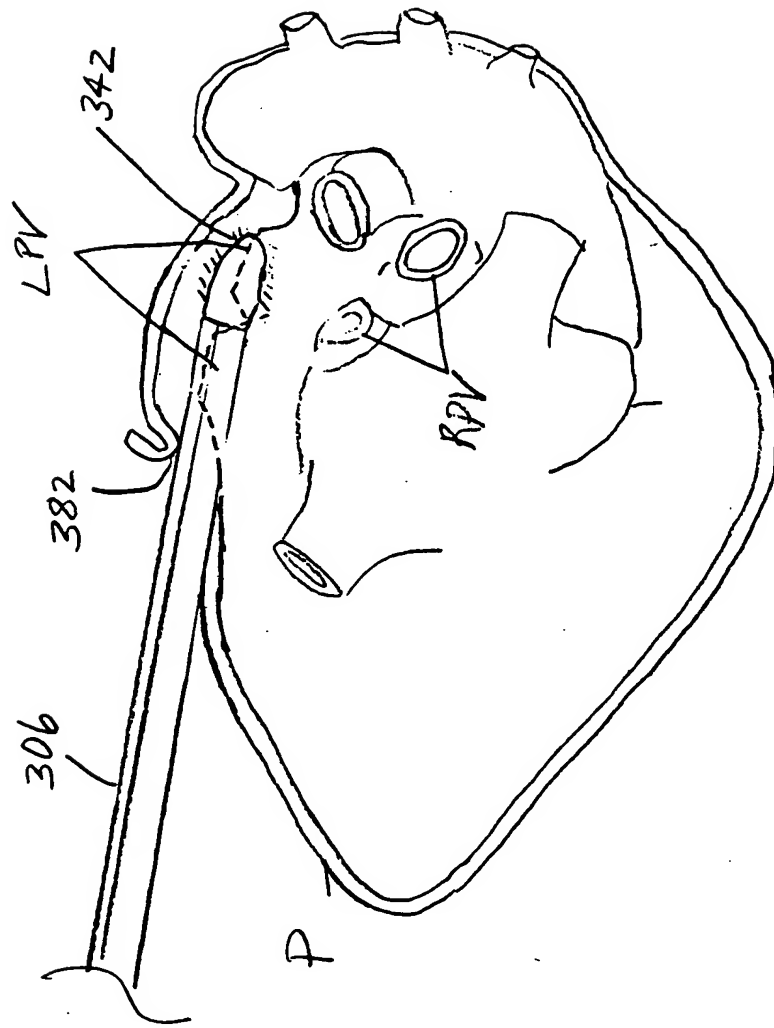


FIG. 98



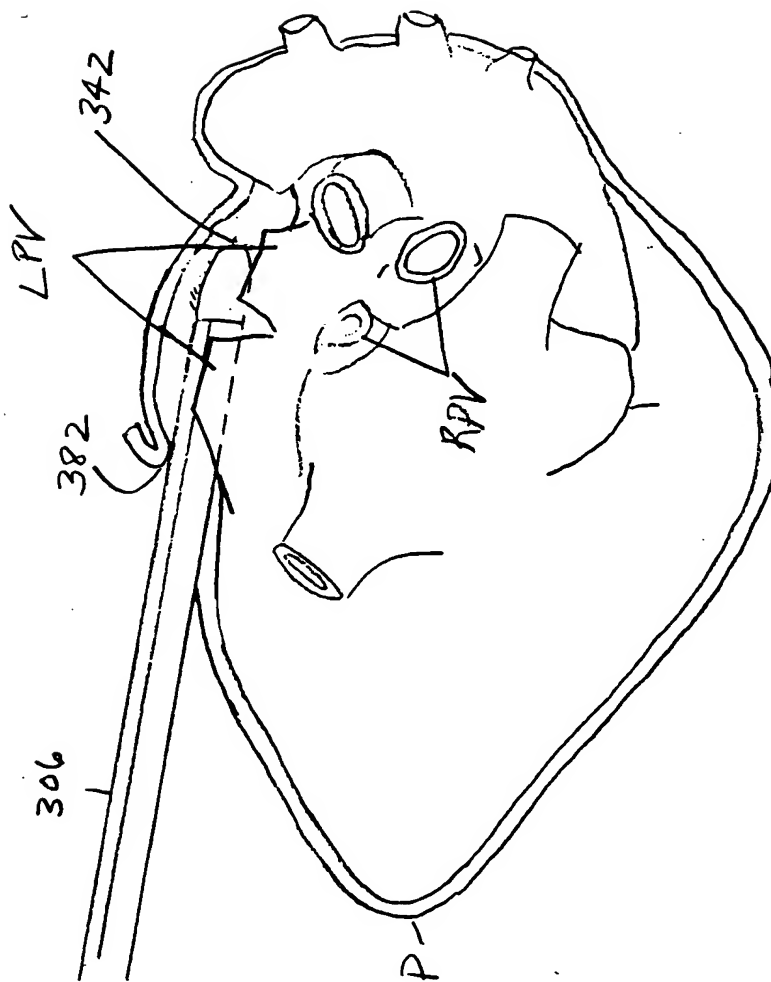


FIG. 99

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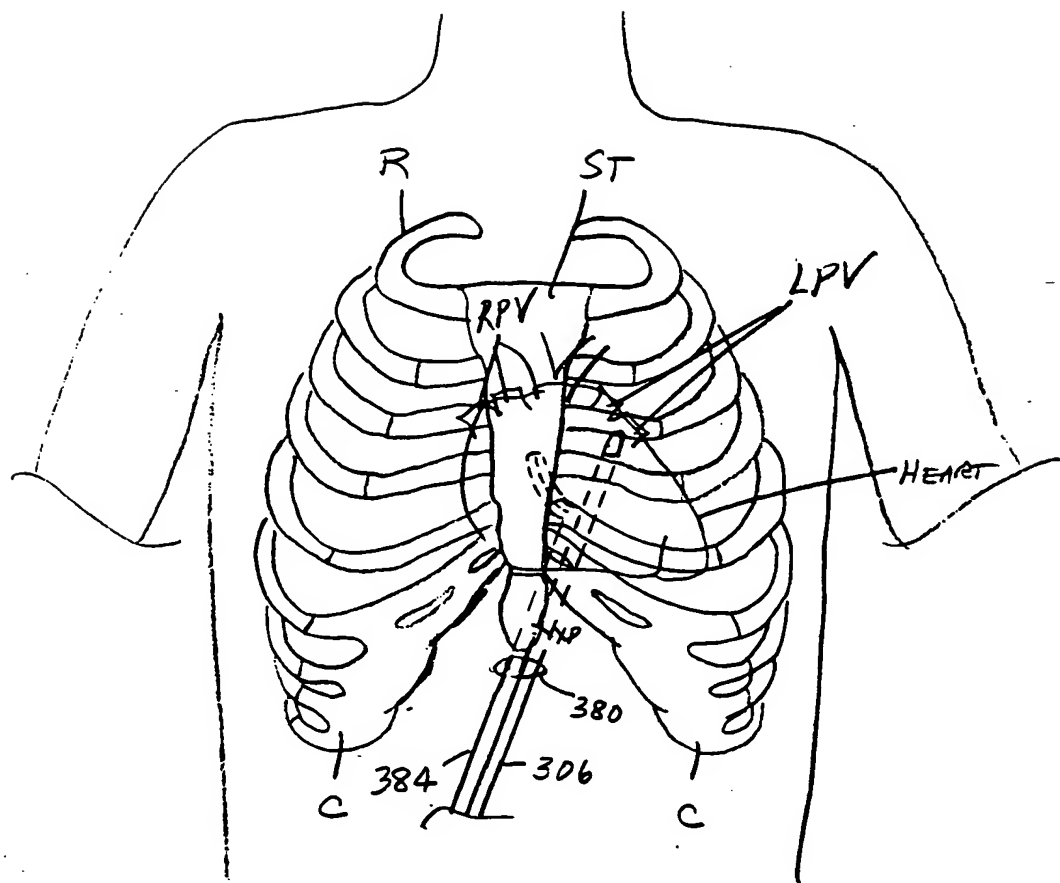


FIG. 100

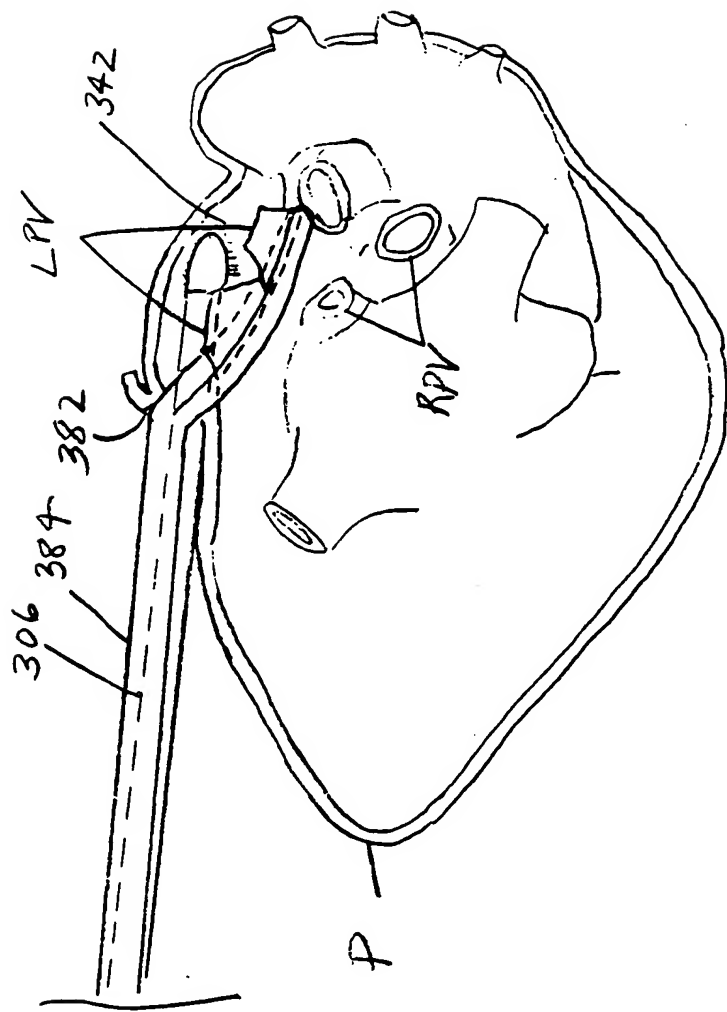


FIG. 101